

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012423\  
 Data File : VU052781.D  
 Acq On : 24 Jan 2023 10:11  
 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 01/27/2023  
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 25 01:29:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.112  | 96   | 40659    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.629 | 95   | 15431    | 1.141  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 114.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.189 | 152  | 14608    | 1.050  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 105.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 135749   | 9.865  | ug/l     | 100      |
| 3) Chloromethane             | 1.520  | 50   | 113642   | 8.703  | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.604  | 62   | 117087   | 9.286  | ug/l     | 99       |
| 5) Bromomethane              | 1.858  | 94   | 66889    | 10.208 | ug/l     | 99       |
| 6) Chloroethane              | 1.935  | 64   | 71130    | 9.380  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 182241   | 9.922  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101  | 105313   | 10.487 | ug/l     | 100      |
| 9) 1,1-Dichloroethene        | 2.578  | 96   | 97223    | 10.247 | ug/l     | 96       |
| 10) Iodomethane              | 2.723  | 142  | 120161   | 11.442 | ug/l     | 99       |
| 11) Allyl Chloride           | 2.922  | 41   | 124190   | 10.954 | ug/l     | 96       |
| 12) Acrylonitrile            | 3.324  | 53   | 42969    | 21.361 | ug/l     | 98       |
| 13) Acetone                  | 2.655  | 43   | 170652   | 59.816 | ug/l     | 97       |
| 14) Carbon Disulfide         | 2.794  | 76   | 321110   | 10.103 | ug/l     | 100      |
| 15) Methylene Chloride       | 3.044  | 84   | 112089   | 9.781  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 109819   | 10.404 | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.864  | 63   | 193352   | 10.848 | ug/l     | 98       |
| 18) 2-Butanone               | 4.716  | 43   | 186105   | 56.147 | ug/l     | 99       |
| 19) Cyclohexane              | 5.385  | 56   | 167026m  | 10.655 | ug/l     |          |
| 20) Methylcyclohexane        | 6.761  | 83   | 183938   | 10.518 | ug/l     | 100      |
| 21) 2,2-Dichloropropane      | 4.662  | 77   | 171129   | 10.337 | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.662  | 96   | 117980   | 10.694 | ug/l     | 99       |
| 23) Diethyl Ether            | 2.376  | 59   | 65016    | 9.694  | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.347  | 59   | 74683m   | 92.475 | ug/l     |          |
| 25) Methyl tert-Butyl Ether  | 3.359  | 73   | 227936   | 10.473 | ug/l     | 99       |
| 26) Bromochloromethane       | 4.970  | 128  | 51723    | 10.042 | ug/l     | 94       |
| 27) Chloroform               | 5.083  | 83   | 205969   | 10.780 | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.314  | 97   | 184485   | 10.456 | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.523  | 75   | 151122   | 10.159 | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.520  | 117  | 167339   | 10.452 | ug/l     | 99       |
| 31) Isopropyl Ether          | 3.986  | 45   | 271987   | 10.615 | ug/l     | 98       |
| 32) Ethyl-t-butyl ether      | 4.498  | 59   | 248281   | 10.379 | ug/l     | 100      |
| 33) Tert-Amyl methyl ether   | 5.938  | 73   | 219355   | 10.369 | ug/l     | 100      |
| 34) Propionitrile            | 4.803  | 54   | 38682    | 50.971 | ug/l #   | 97       |
| 35) Benzene                  | 5.771  | 78   | 440748   | 10.212 | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.790  | 62   | 129672   | 10.002 | ug/l     | 100      |
| 37) Trichloroethene          | 6.539  | 130  | 118052   | 10.033 | ug/l     | 100      |
| 38) 1,2-Dichloropropane      | 6.787  | 63   | 110193   | 10.063 | ug/l     | 98       |
| 39) Methacrylonitrile        | 4.970  | 41   | 30331    | 10.006 | ug/l     | 97       |
| 40) Methyl acrylate          | 4.845  | 55   | 55896    | 10.403 | ug/l     | 98       |
| 41) Tetrahydrofuran          | 5.067  | 42   | 30924    | 20.510 | ug/l     | 90       |
| 42) 1-Chlorobutane           | 5.456  | 56   | 202391   | 10.642 | ug/l     | 99       |
| 43) Dibromomethane           | 6.916  | 93   | 53992    | 9.741  | ug/l     | 99       |
| 44) Bromodichloromethane     | 7.102  | 83   | 149302   | 9.929  | ug/l     | 98       |

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 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 01/27/2023  
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 25 01:29:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.790  | 43   | 294645   | 50.586 | ug/l  | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.825 | 75   | 63088m   | 20.658 | ug/l  |          |
| 47) Methyl methacrylate       | 6.957  | 69   | 102117   | 20.725 | ug/l  | 99       |
| 48) Ethyl methacrylate        | 8.330  | 69   | 93804    | 10.502 | ug/l  | 99       |
| 49) Toluene                   | 7.967  | 92   | 277131   | 10.575 | ug/l  | 99       |
| 50) t-1,3-Dichloropropene     | 8.205  | 75   | 134988   | 10.293 | ug/l  | 97       |
| 51) cis-1,3-Dichloropropene   | 7.604  | 75   | 156206   | 10.124 | ug/l  | 99       |
| 52) 1,1,2-Trichloroethane     | 8.398  | 97   | 77509    | 9.833  | ug/l  | 97       |
| 53) 1,3-Dichloropropane       | 8.571  | 76   | 135402   | 9.938  | ug/l  | 98       |
| 54) 2-Hexanone                | 8.684  | 43   | 280208   | 54.989 | ug/l  | 99       |
| 55) Dibromochloromethane      | 8.806  | 129  | 101004   | 9.797  | ug/l  | 98       |
| 56) 1,2-Dibromoethane         | 8.919  | 107  | 73525    | 9.798  | ug/l  | 98       |
| 58) Tetrachloroethene         | 8.549  | 164  | 108364   | 10.206 | ug/l  | 99       |
| 59) Chlorobenzene             | 9.443  | 112  | 296499   | 10.396 | ug/l  | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.530  | 131  | 110047   | 9.969  | ug/l  | 99       |
| 61) Pentachloroethane         | 11.423 | 117  | 89699    | 9.919  | ug/l  | 98       |
| 62) Hexachloroethane          | 12.472 | 117  | 92383    | 10.111 | ug/l  | 98       |
| 63) Ethyl Benzene             | 9.568  | 91   | 512610   | 11.095 | ug/l  | 99       |
| 64) m/p-Xylenes               | 9.690  | 106  | 422238   | 22.923 | ug/l  | 100      |
| 65) o-Xylene                  | 10.096 | 106  | 199045   | 11.199 | ug/l  | 100      |
| 66) Styrene                   | 10.112 | 104  | 326849   | 9.558  | ug/l  | 99       |
| 67) Bromoform                 | 10.288 | 173  | 59044    | 9.705  | ug/l  | 98       |
| 69) Isopropylbenzene          | 10.481 | 105  | 516317   | 11.415 | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.777 | 83   | 95916    | 9.762  | ug/l  | 99       |
| 71) 1,2,3-Trichloropropane    | 10.822 | 75   | 85421m   | 10.043 | ug/l  |          |
| 72) Bromobenzene              | 10.777 | 156  | 121185   | 10.549 | ug/l  | 98       |
| 73) n-propylbenzene           | 10.903 | 120  | 147893   | 9.705  | ug/l  | 97       |
| 74) 2-Chlorotoluene           | 10.983 | 126  | 127701   | 11.178 | ug/l  | 98       |
| 75) 1,3,5-Trimethylbenzene    | 11.083 | 105  | 446793   | 9.635  | ug/l  | 99       |
| 76) 4-Chlorotoluene           | 11.092 | 126  | 130387   | 11.120 | ug/l  | 99       |
| 77) tert-Butylbenzene         | 11.417 | 119  | 449233   | 11.422 | ug/l  | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.462 | 105  | 458327   | 9.658  | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.639 | 105  | 577458   | 9.490  | ug/l  | 99       |
| 80) Nitrobenzene              | 13.201 | 77   | 22286    | 36.644 | ug/l  | 98       |
| 81) p-Isopropyltoluene        | 11.790 | 119  | 498150   | 9.438  | ug/l  | 99       |
| 82) 1,3-Dichlorobenzene       | 11.742 | 146  | 251899   | 10.741 | ug/l  | 99       |
| 83) 1,4-Dichlorobenzene       | 11.832 | 146  | 249629   | 10.602 | ug/l  | 99       |
| 84) n-Butylbenzene            | 12.205 | 91   | 427019   | 9.224  | ug/l  | 99       |
| 85) 1,2-Dichlorobenzene       | 12.208 | 146  | 231698   | 10.468 | ug/l  | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.993 | 75   | 16334    | 8.975  | ug/l  | 98       |
| 87) 1,2,4-Trichlorobenzene    | 13.835 | 180  | 138299   | 10.418 | ug/l  | 99       |
| 88) Hexachlorobutadiene       | 14.018 | 225  | 96108    | 10.330 | ug/l  | 99       |
| 89) Naphthalene               | 14.082 | 128  | 228669   | 8.885  | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.324 | 180  | 130275   | 10.339 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

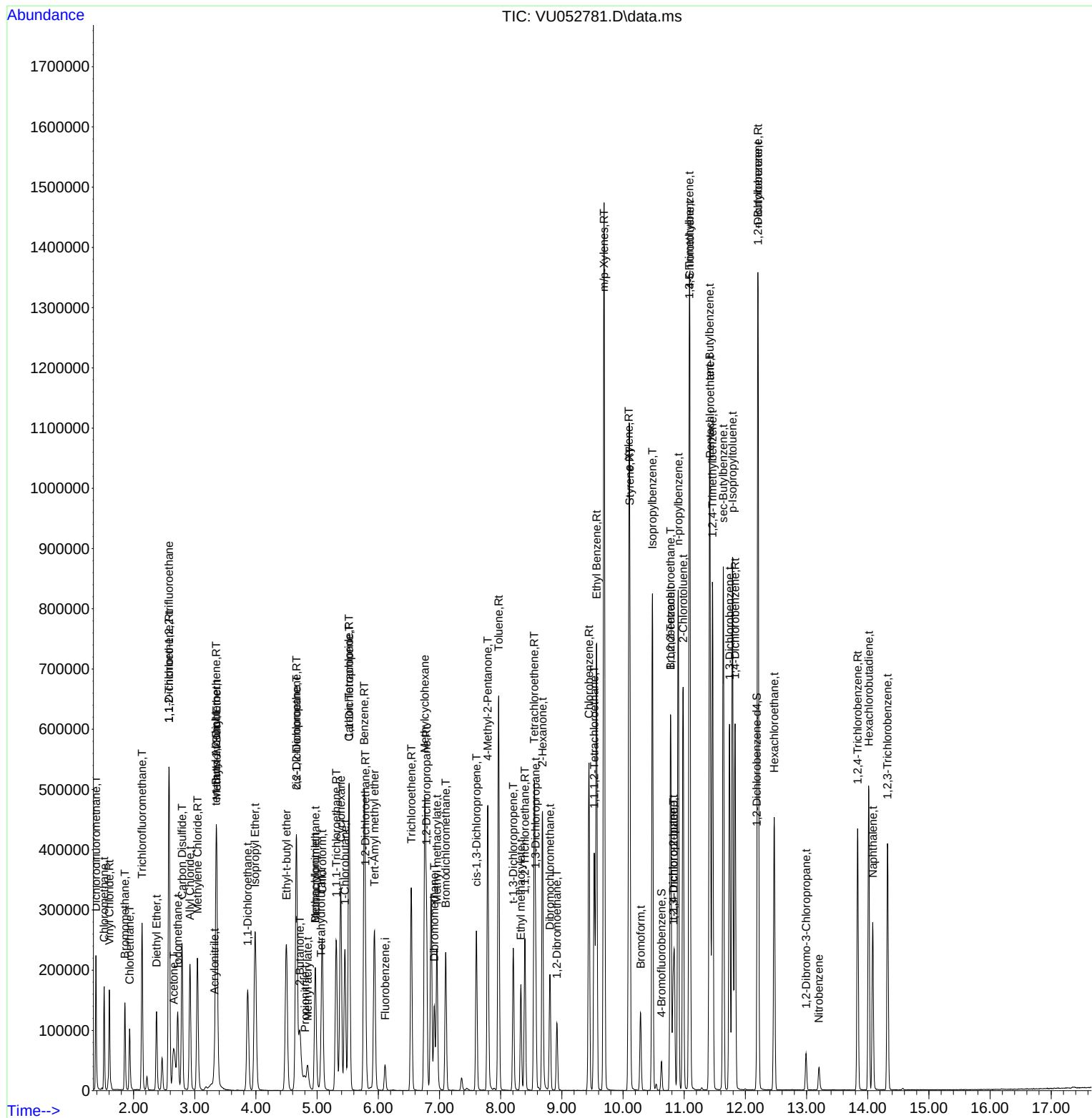
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012423\  
 Data File : VU052781.D  
 Acq On : 24 Jan 2023 10:11  
 Operator : JC/MD  
 Sample : VSTDCCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

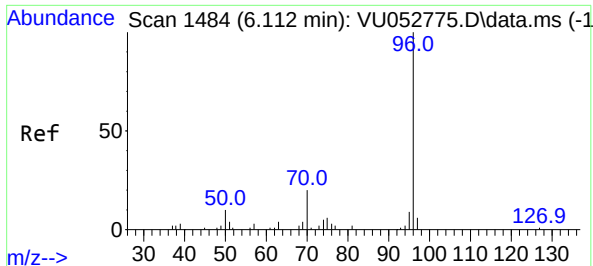
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/27/2023  
 Supervised By :Mahesh Dadoda 01/30/2023

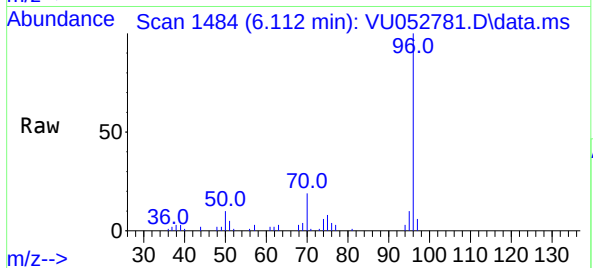
Quant Time: Jan 25 01:29:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U012323DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jan 24 05:16:59 2023  
 Response via : Initial Calibration





#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.112 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

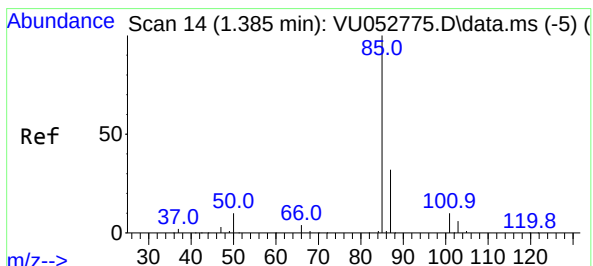
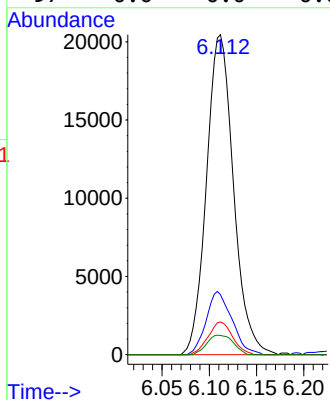
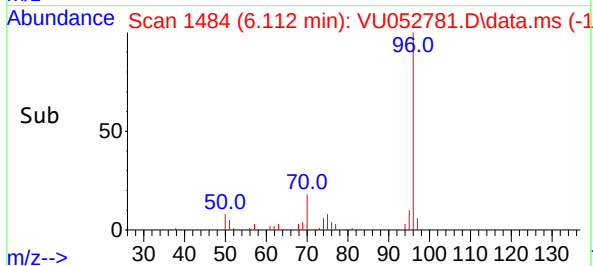
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



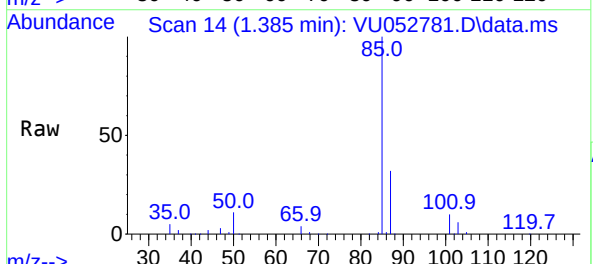
Tgt Ion: 96 Resp: 40659  
Ion Ratio Lower Upper  
96 100  
70 18.8 16.2 24.4  
95 9.2 7.4 11.0  
97 0.0 0.0 0.0

Manual Integrations  
APPROVED

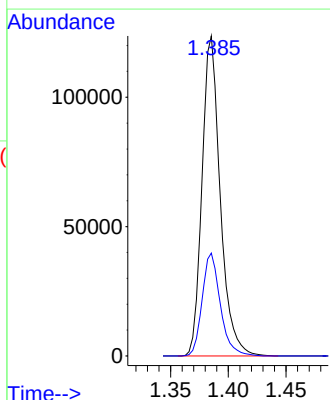
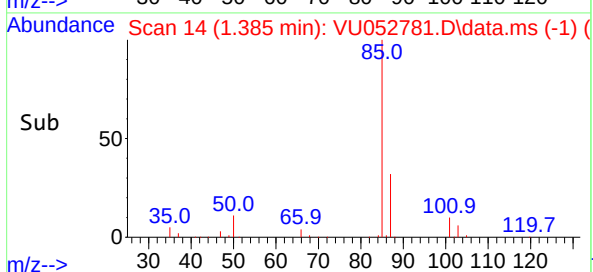
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

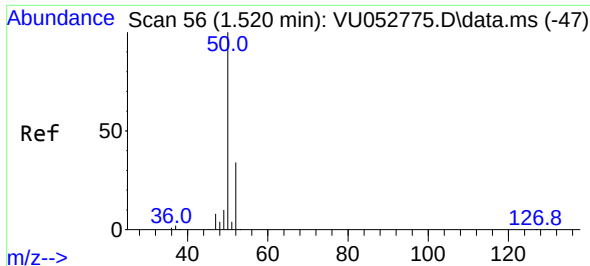


#2  
Dichlorodifluoromethane  
Concen: 9.865 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



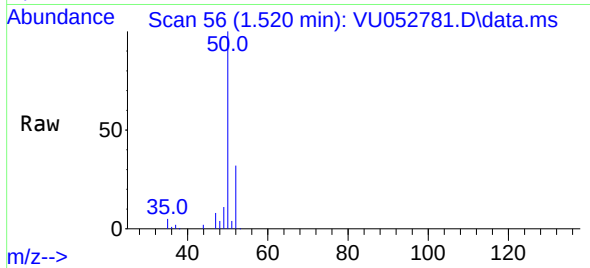
Tgt Ion: 85 Resp: 135749  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.1 48.2





#3  
Chloromethane  
Concen: 8.703 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

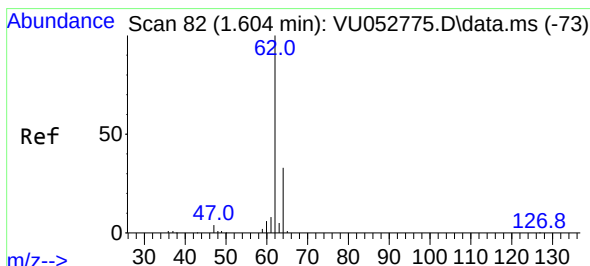
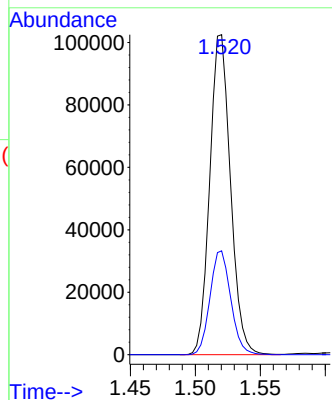
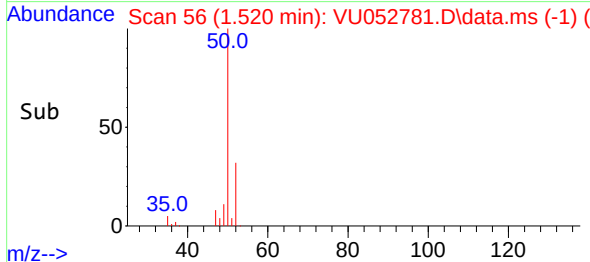
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 50 Resp: 113642  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.8 40.2

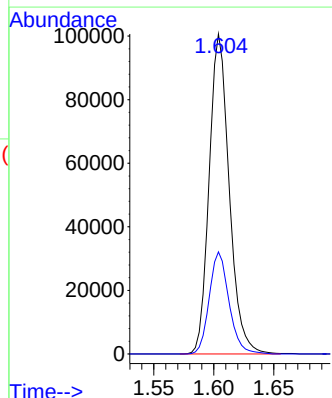
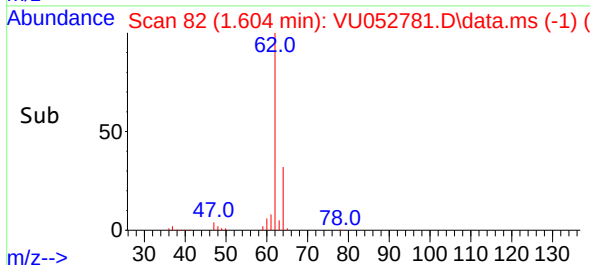
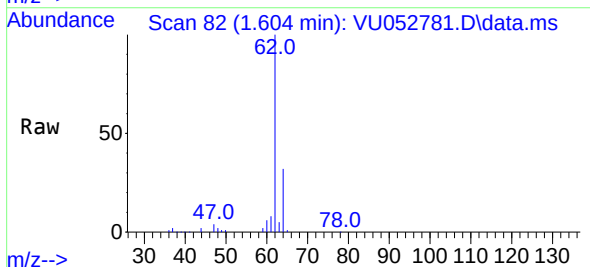
Manual Integrations  
APPROVED

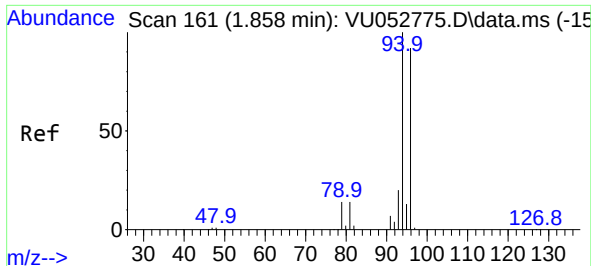
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#4  
Vinyl Chloride  
Concen: 9.286 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

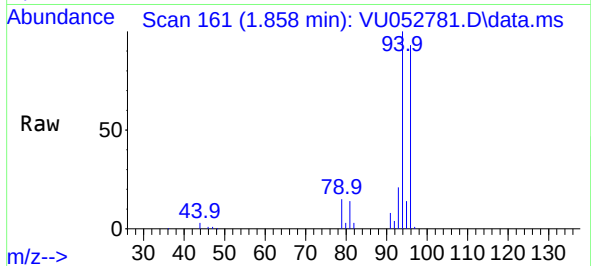
Tgt Ion: 62 Resp: 117087  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.0 39.0





#5  
Bromomethane  
Concen: 10.208 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

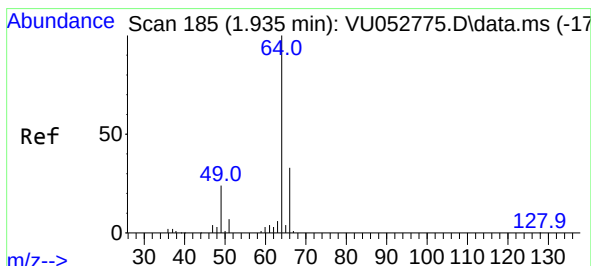
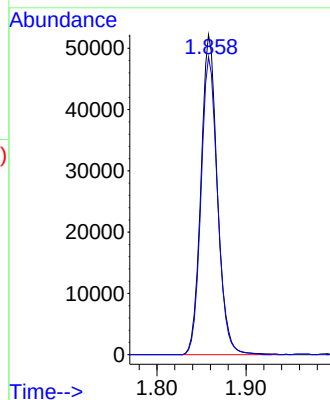
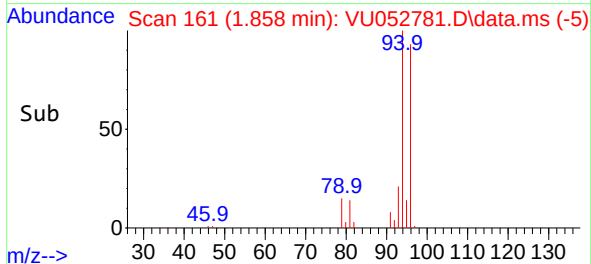
Instrument :  
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Tgt Ion: 94 Resp: 66889  
Ion Ratio Lower Upper  
94 100  
96 93.0 73.8 110.6

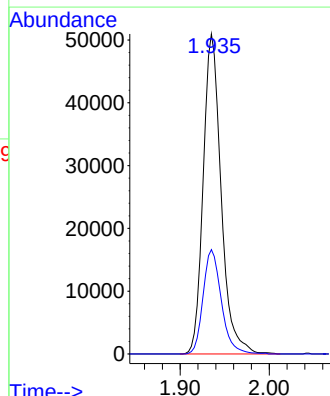
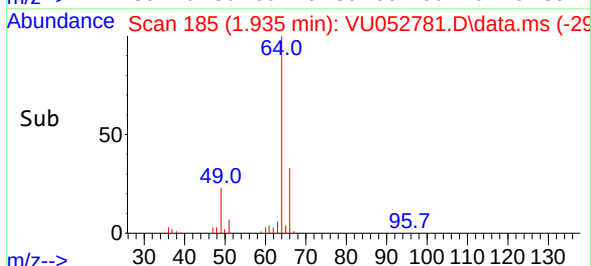
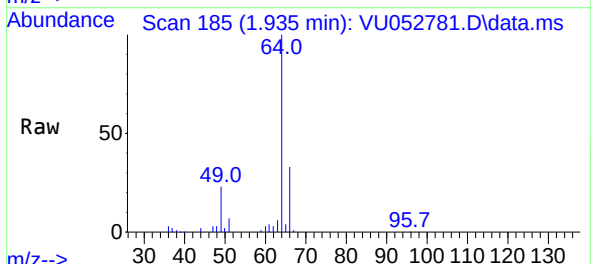
Manual Integrations  
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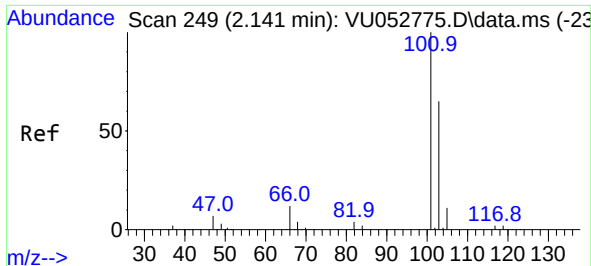
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#6  
Chloroethane  
Concen: 9.380 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

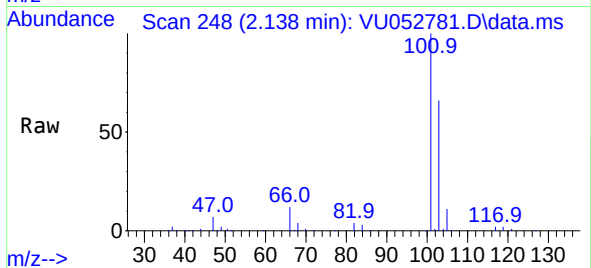
Tgt Ion: 64 Resp: 71130  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.6 40.0





#7  
Trichlorofluoromethane  
Concen: 9.922 ug/l  
RT: 2.138 min Scan# 249  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

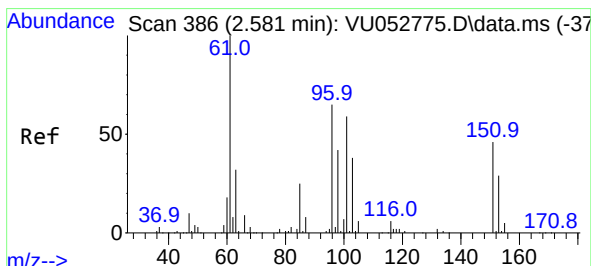
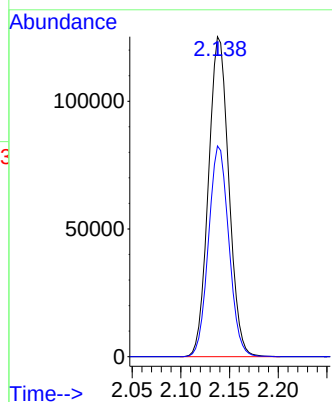
Instrument :  
MSVOA\_U  
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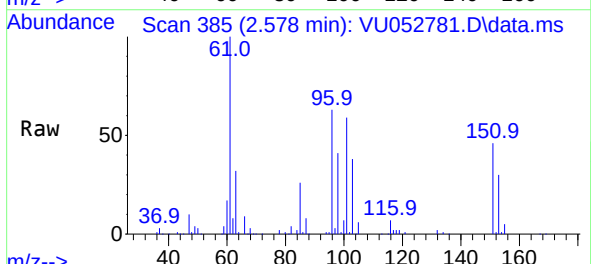
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Ion Ratio Lower Upper  
101 100  
103 65.9 51.6 77.4

Manual Integrations  
APPROVED

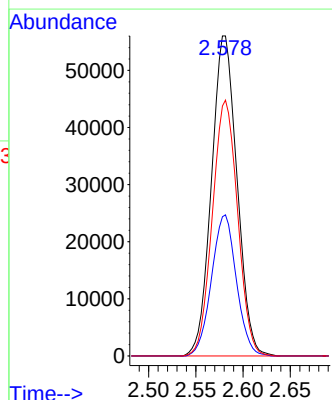
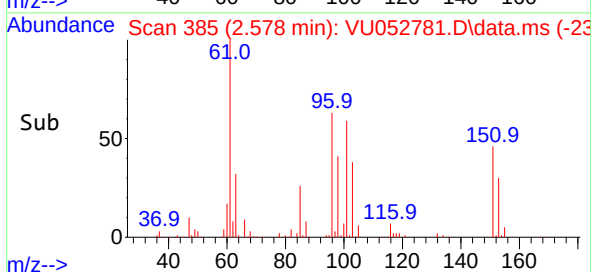
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

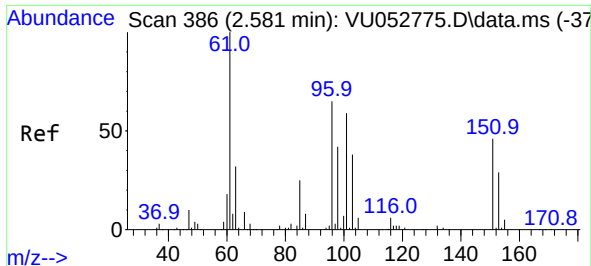


#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.487 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:101 Resp: 105313  
Ion Ratio Lower Upper  
101 100  
85 43.0 34.1 51.1  
151 78.8 63.0 94.4





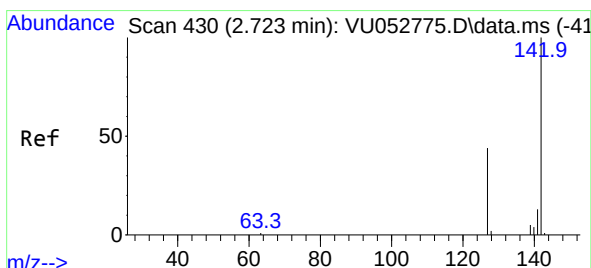
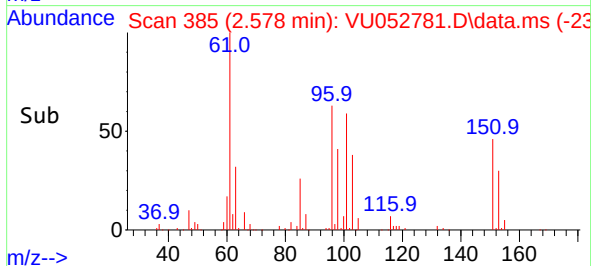
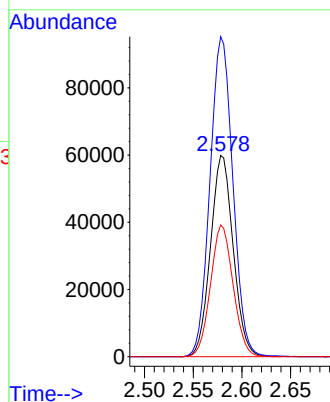
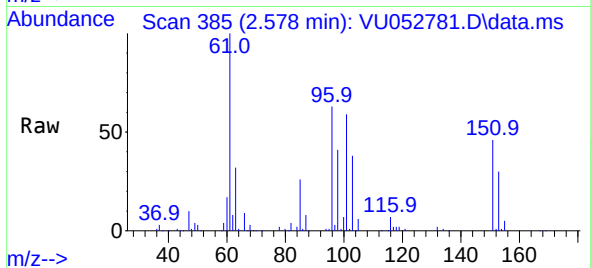
#9  
1,1-Dichloroethene  
Concen: 10.247 ug/l  
RT: 2.578 min Scan# 386  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 96 Resp: 9722  
Ion Ratio Lower Upper  
96 100  
61 159.0 0.0 460.5  
98 65.4 0.0 128.0

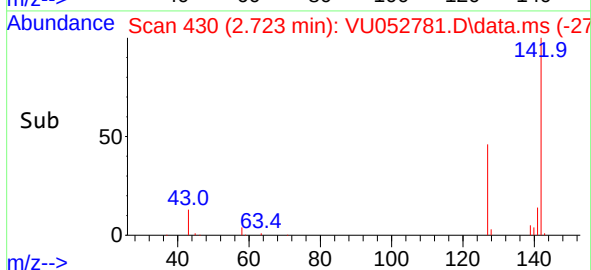
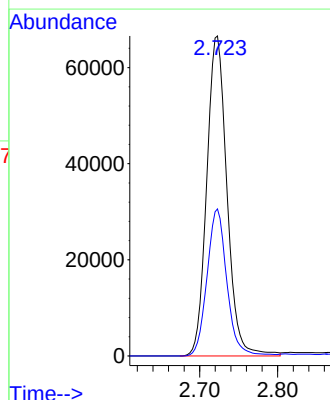
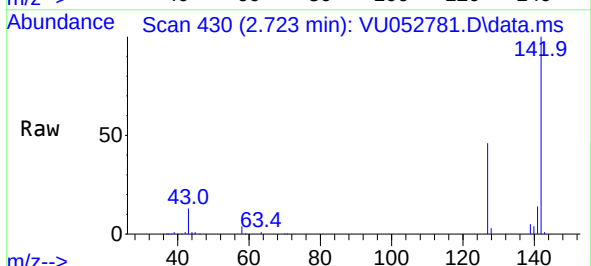
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

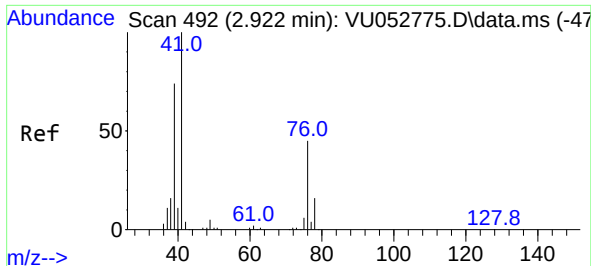


#10  
Iodomethane  
Concen: 11.442 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:142 Resp: 120161  
Ion Ratio Lower Upper  
142 100  
127 45.0 35.4 53.0

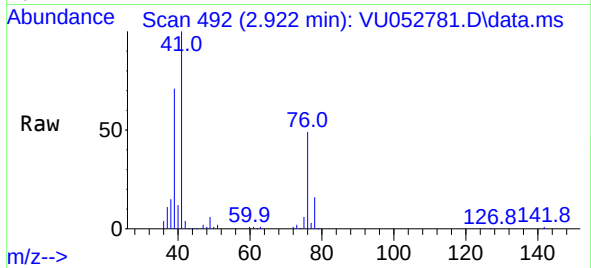






#11  
 Allyl Chloride  
 Concen: 10.954 ug/l  
 RT: 2.922 min Scan# 492  
 Delta R.T. 0.000 min  
 Lab File: VU052781.D  
 Acq: 24 Jan 2023 10:11

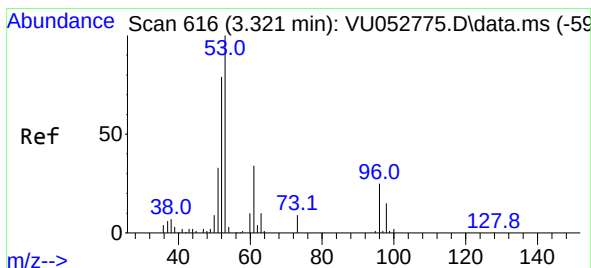
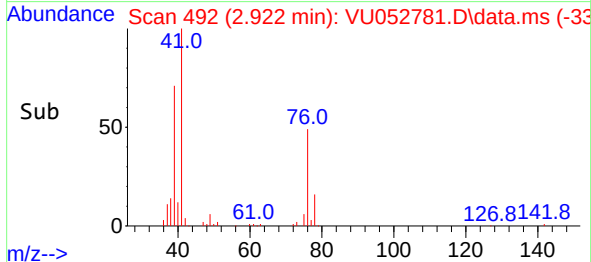
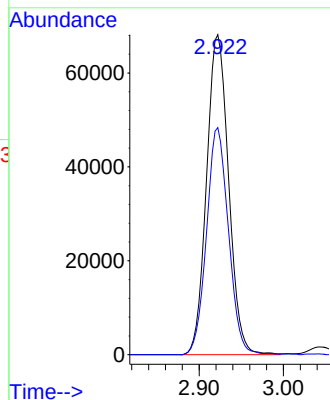
Instrument :  
 MSVOA\_U  
 Client Sample Id :  
 VSTDCCC010



Tgt Ion: 41 Resp: 124190  
 Ion Ratio Lower Upper  
 41 100  
 39 70.4 59.3 88.9

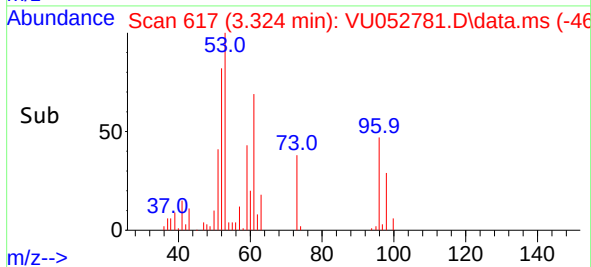
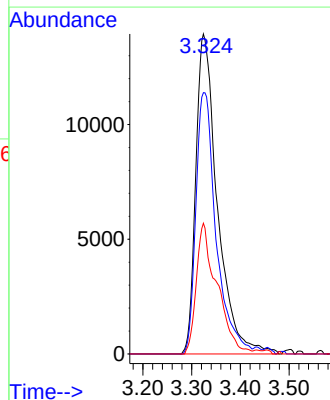
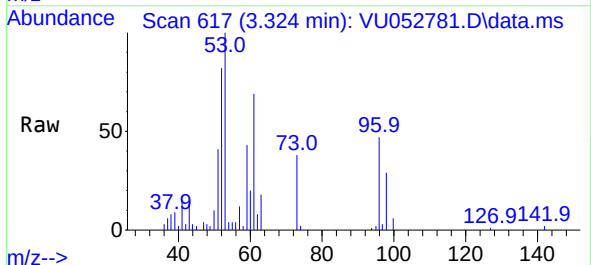
Manual Integrations  
 APPROVED

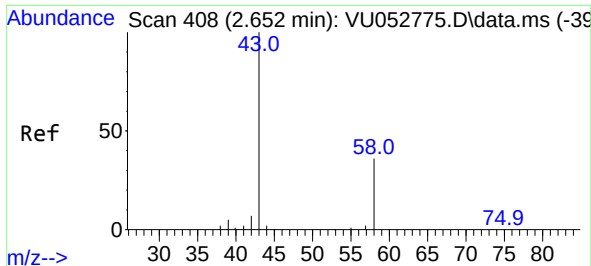
Reviewed By :Krupa Patel 01/27/2023  
 Supervised By :Mahesh Dadoda 01/30/2023



#12  
 Acrylonitrile  
 Concen: 21.361 ug/l  
 RT: 3.324 min Scan# 617  
 Delta R.T. 0.003 min  
 Lab File: VU052781.D  
 Acq: 24 Jan 2023 10:11

Tgt Ion: 53 Resp: 42969  
 Ion Ratio Lower Upper  
 53 100  
 52 76.5 63.0 94.4  
 51 39.2 31.3 46.9





#13

Acetone

Concen: 59.816 ug/l

RT: 2.655 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 170652

Ion Ratio Lower Upper

43 100

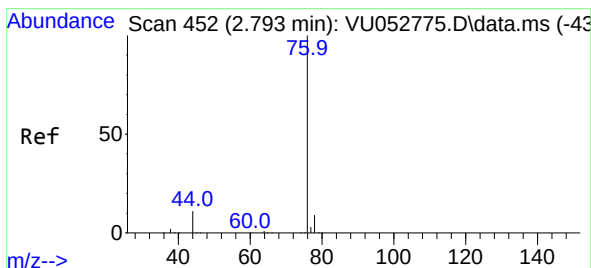
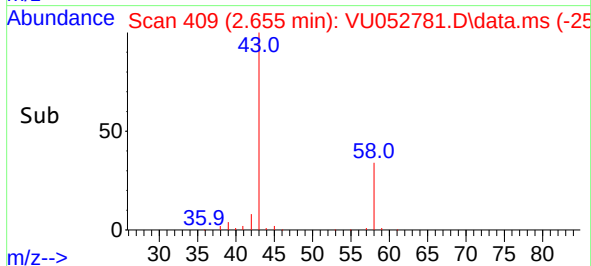
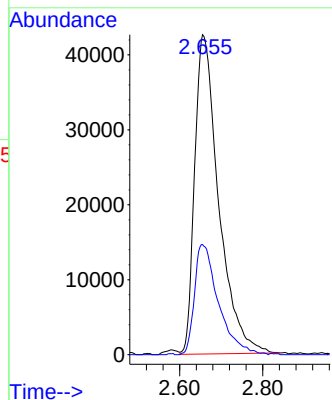
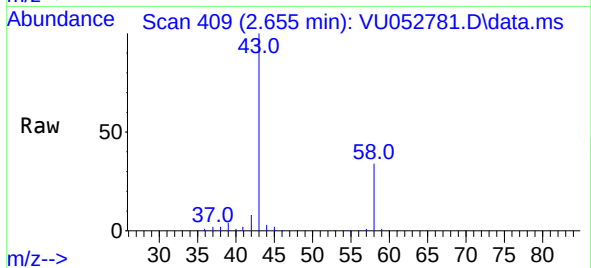
58 34.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/27/2023

Supervised By :Mahesh Dadoda 01/30/2023



#14

Carbon Disulfide

Concen: 10.103 ug/l

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052781.D

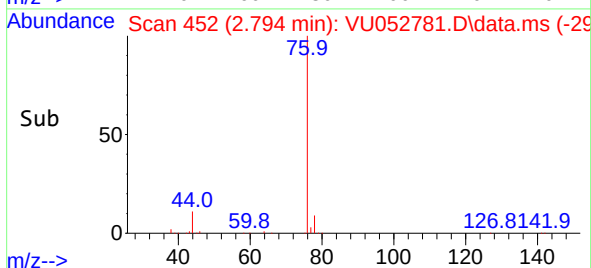
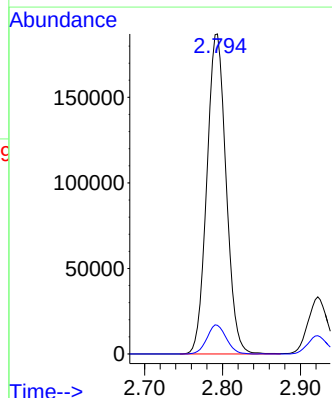
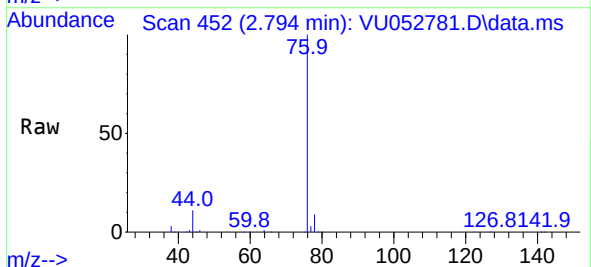
Acq: 24 Jan 2023 10:11

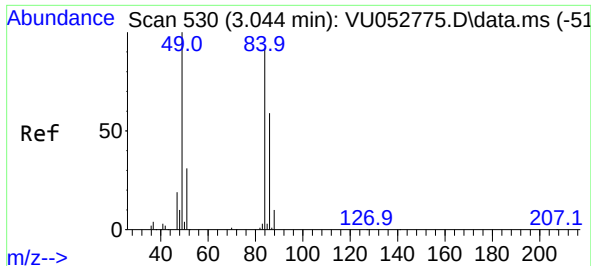
Tgt Ion: 76 Resp: 321110

Ion Ratio Lower Upper

76 100

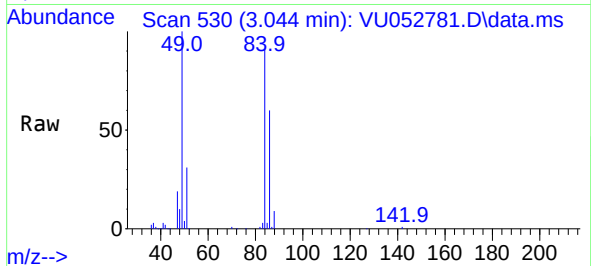
78 9.0 7.1 10.7





#15  
Methylene Chloride  
Concen: 9.781 ug/l  
RT: 3.044 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

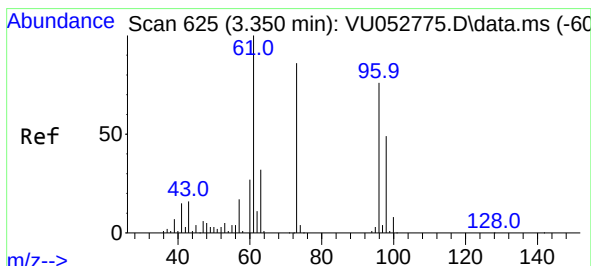
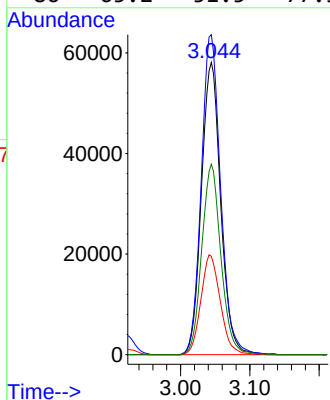
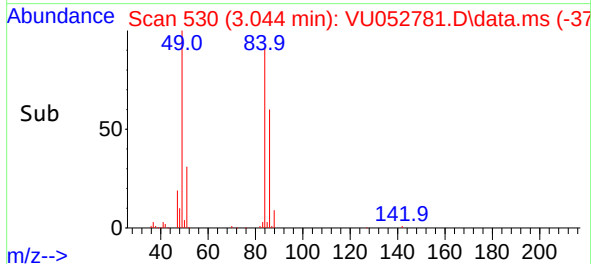
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 84 Resp: 112089  
Ion Ratio Lower Upper  
84 100  
49 109.5 86.7 130.1  
51 33.7 0.0 66.8  
86 65.2 51.5 77.3

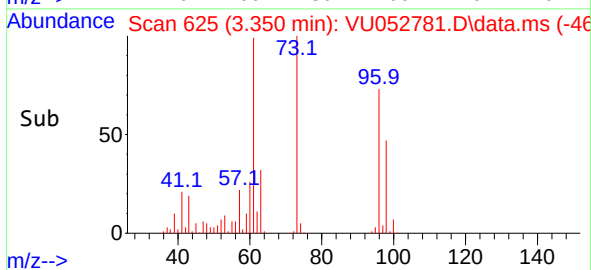
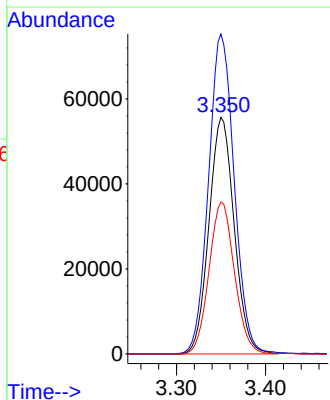
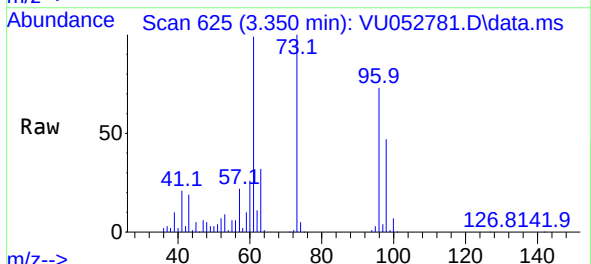
Manual Integrations  
APPROVED

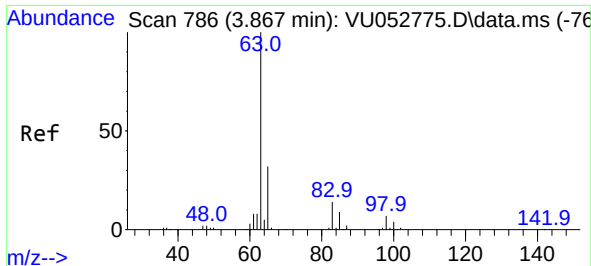
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#16  
trans-1,2-Dichloroethene  
Concen: 10.404 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

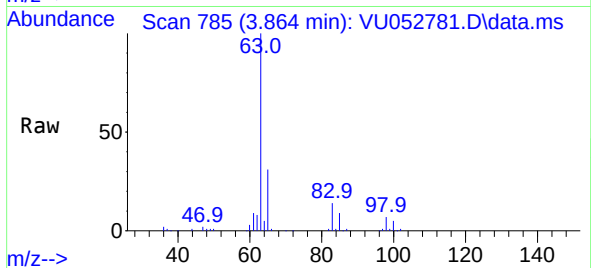
Tgt Ion: 96 Resp: 109819  
Ion Ratio Lower Upper  
96 100  
61 135.0 105.7 158.5  
98 64.3 51.4 77.2





#17  
1,1-Dichloroethane  
Concen: 10.848 ug/l  
RT: 3.864 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

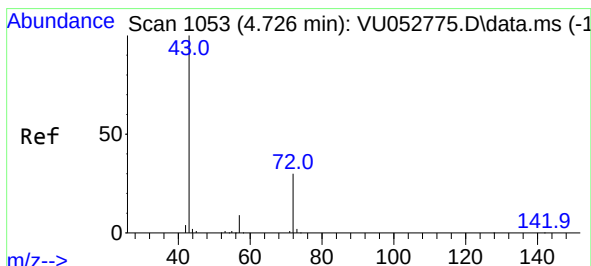
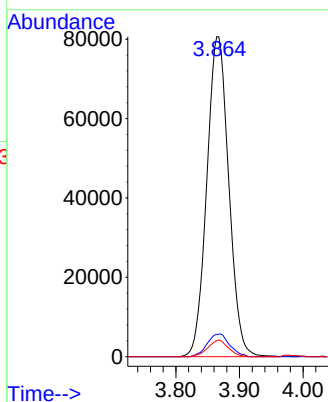
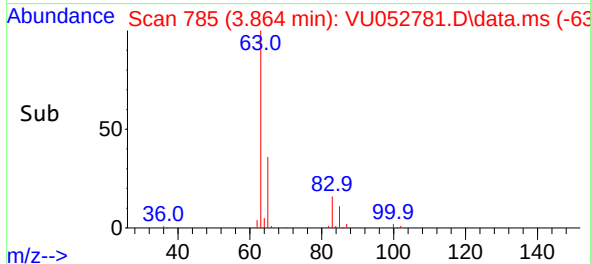
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



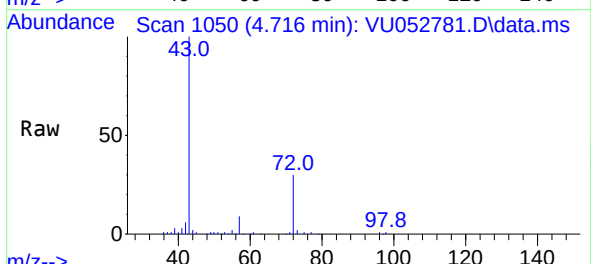
Tgt Ion: 63 Resp: 193352  
Ion Ratio Lower Upper  
63 100  
98 6.9 3.8 11.2  
100 5.0 2.2 6.6

Manual Integrations  
APPROVED

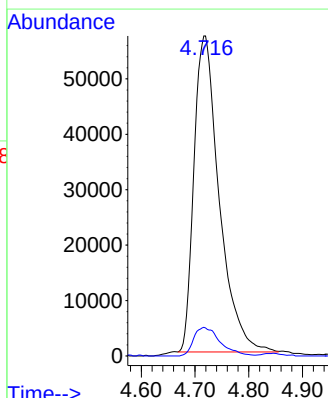
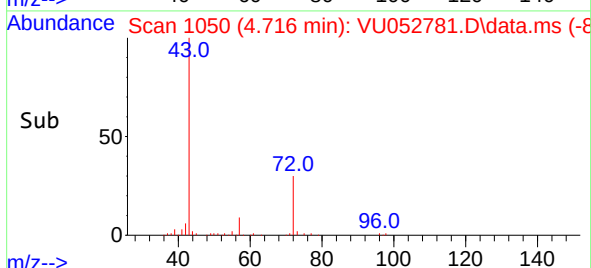
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

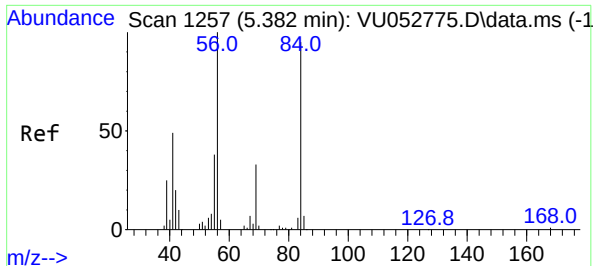


#18  
2-Butanone  
Concen: 56.147 ug/l  
RT: 4.716 min Scan# 1050  
Delta R.T. -0.010 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



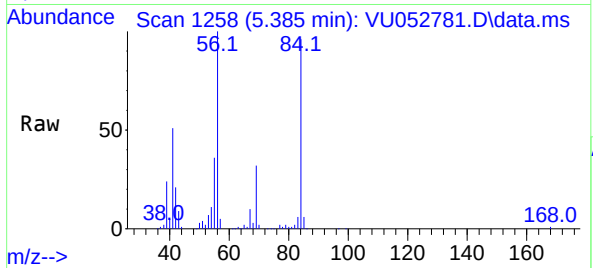
Tgt Ion: 43 Resp: 186105  
Ion Ratio Lower Upper  
43 100  
57 9.1 0.0 17.4





Cyclohexane  
Concen: 10.655 ug/l m  
RT: 5.385 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

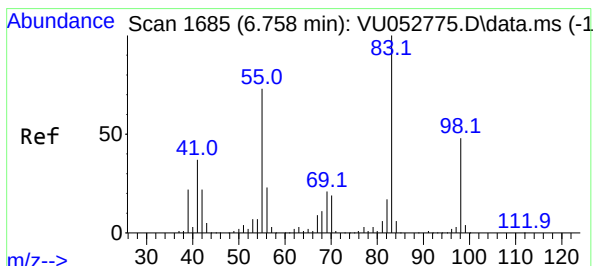
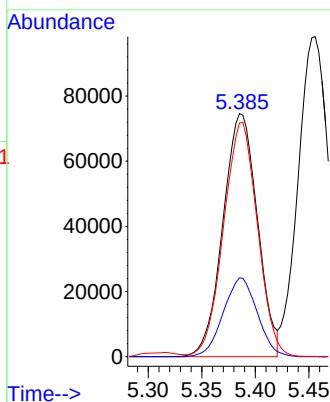
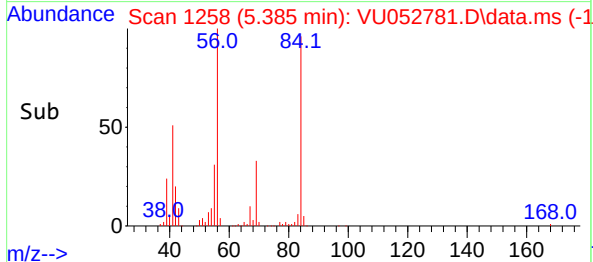
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 56 Resp: 167020  
Ion Ratio Lower Upper  
56 100  
69 32.0 26.8 40.2  
84 93.6 77.0 115.6

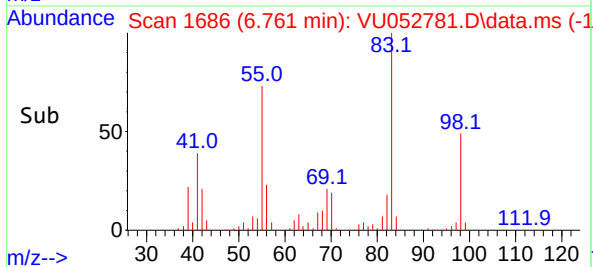
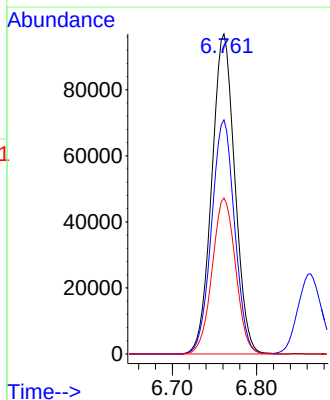
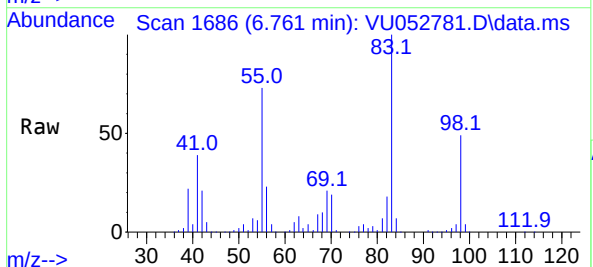
Manual Integrations  
APPROVED

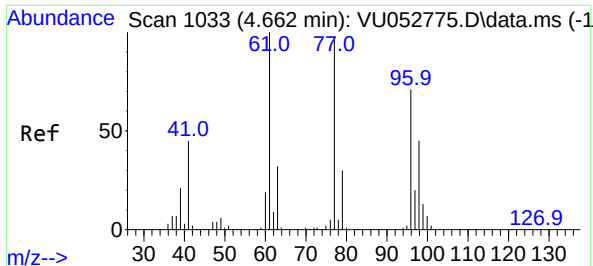
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



Methylcyclohexane  
Concen: 10.518 ug/l  
RT: 6.761 min Scan# 1686  
Delta R.T. 0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion: 83 Resp: 183938  
Ion Ratio Lower Upper  
83 100  
55 73.1 58.7 88.1  
98 49.5 39.4 59.2





#21

2,2-Dichloropropane

Concen: 10.337 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 171129

Ion Ratio Lower Upper

77 100

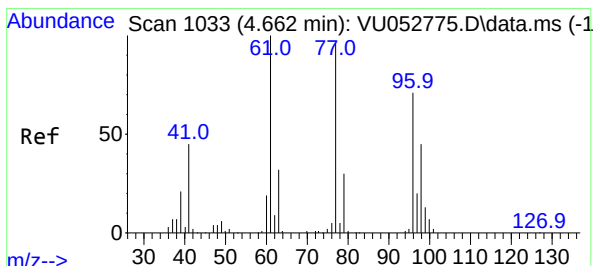
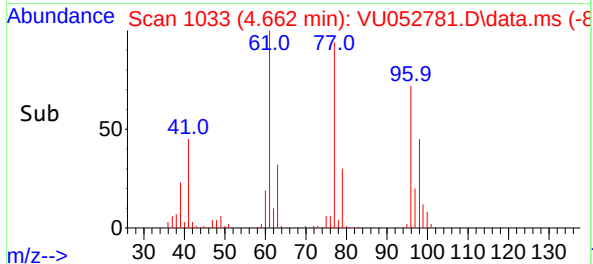
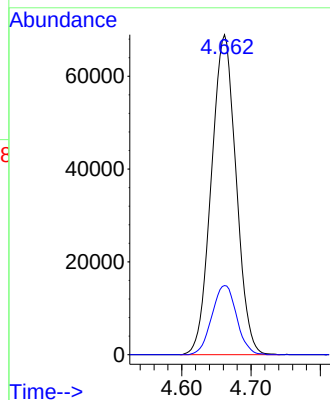
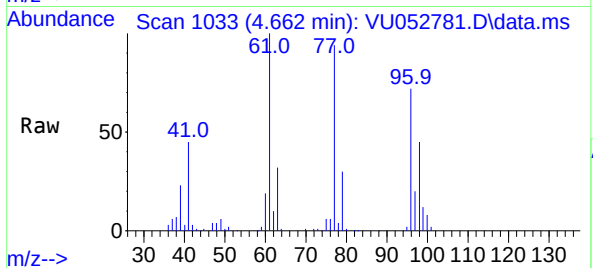
97 21.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/27/2023

Supervised By :Mahesh Dadoda 01/30/2023



#22

cis-1,2-Dichloroethene

Concen: 10.694 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

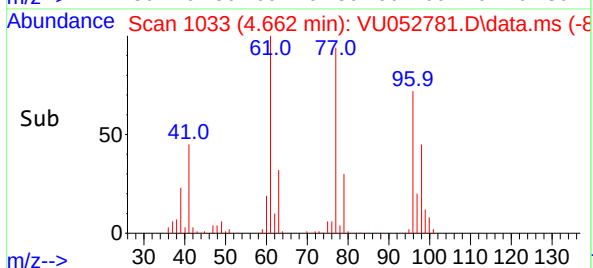
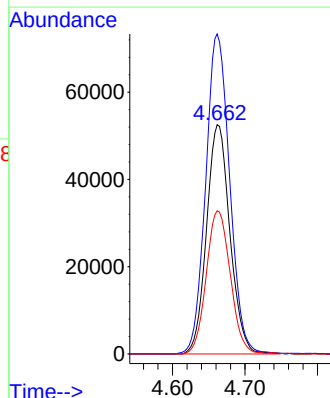
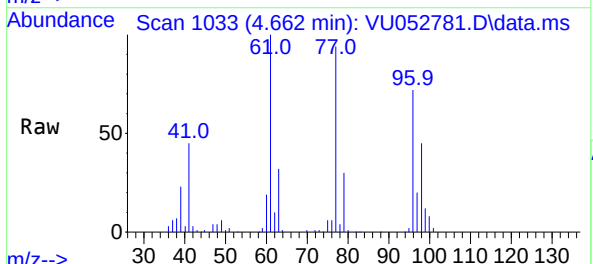
Tgt Ion: 96 Resp: 117980

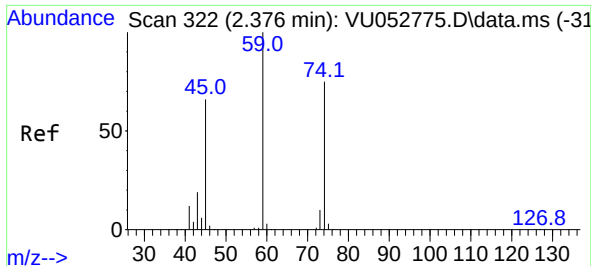
Ion Ratio Lower Upper

96 100

61 142.9 0.0 353.3

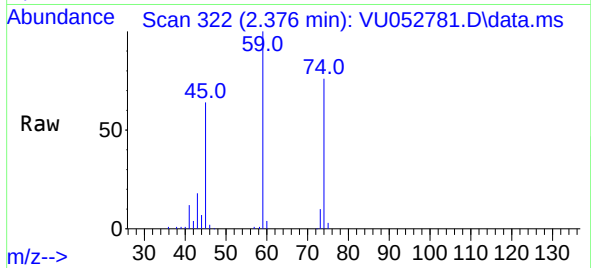
98 63.9 32.6 97.7





#23  
Diethyl Ether  
Concen: 9.694 ug/l  
RT: 2.376 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

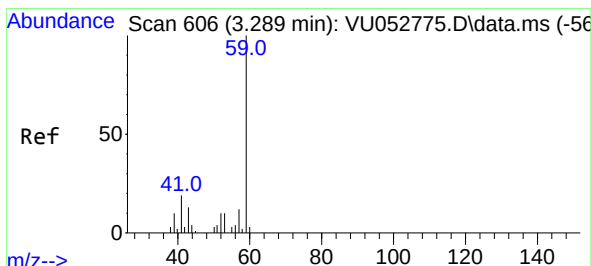
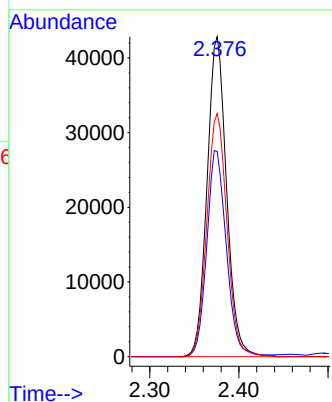
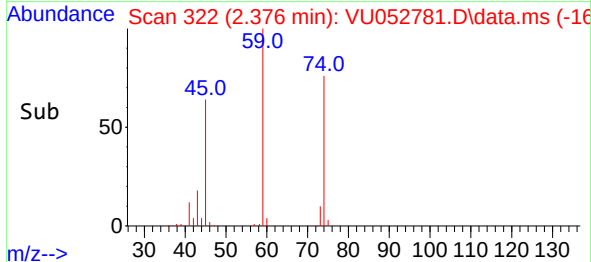
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



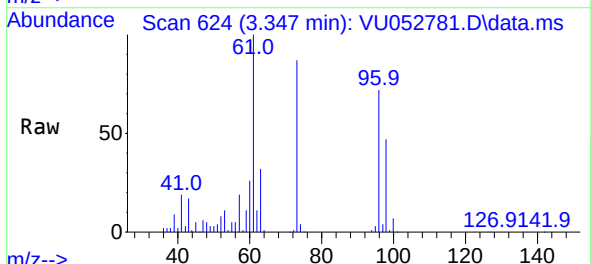
Tgt Ion: 59 Resp: 65010  
Ion Ratio Lower Upper  
59 100  
45 64.9 52.1 78.1  
74 78.6 61.6 92.4

Manual Integrations  
APPROVED

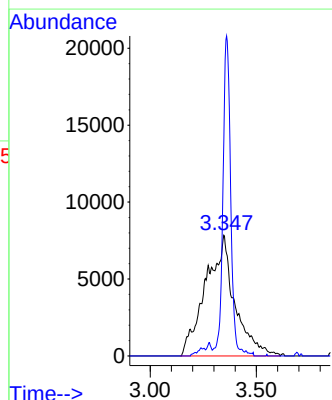
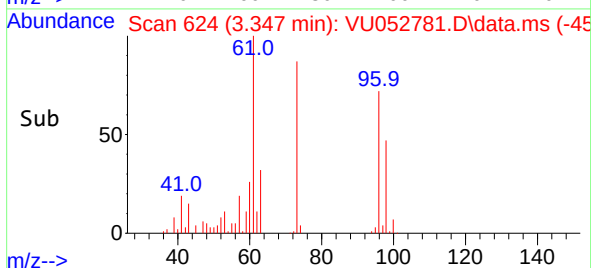
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

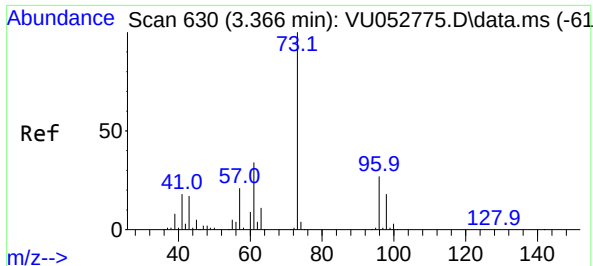


#24  
tert-Butyl Alcohol  
Concen: 92.475 ug/l m  
RT: 3.347 min Scan# 624  
Delta R.T. 0.058 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



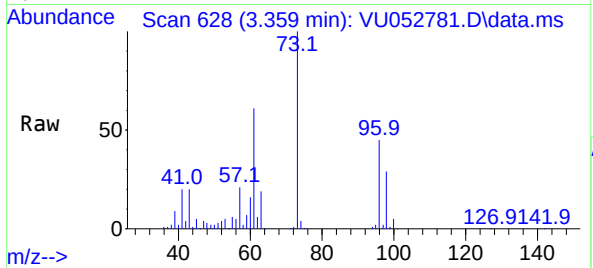
Tgt Ion: 59 Resp: 74683  
Ion Ratio Lower Upper  
59 100  
57 65.3 45.8 68.8





#25  
Methyl tert-Butyl Ether  
Concen: 10.473 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

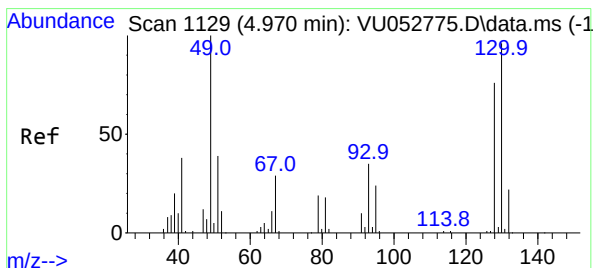
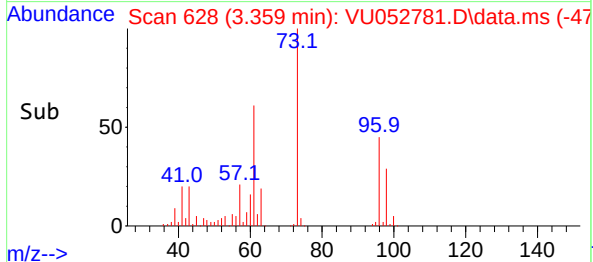
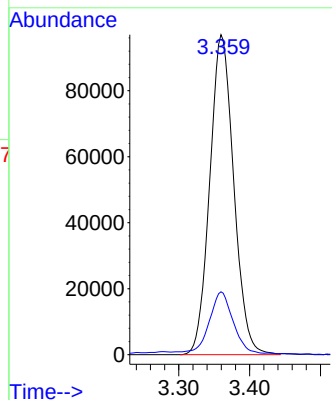
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 73 Resp: 227930  
Ion Ratio Lower Upper  
73 100  
43 18.6 15.3 22.9

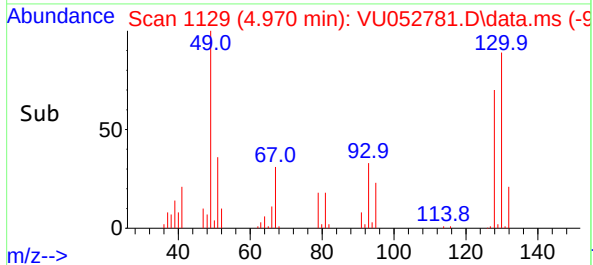
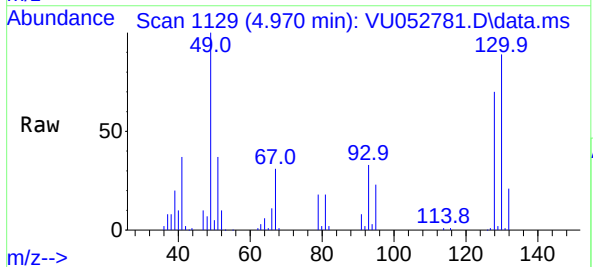
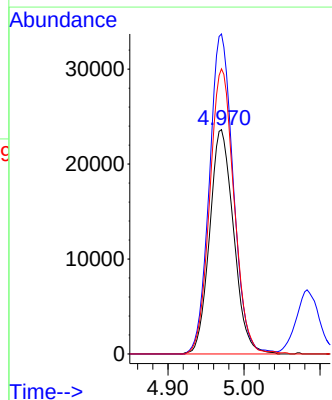
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

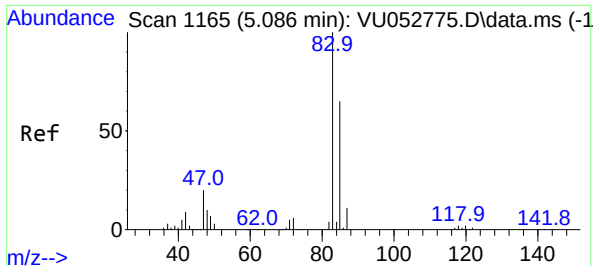


#26  
Bromochloromethane  
Concen: 10.042 ug/l  
RT: 4.970 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:128 Resp: 51723  
Ion Ratio Lower Upper  
128 100  
49 142.3 0.0 265.0  
130 129.3 100.7 151.1







#27

Chloroform

Concen: 10.780 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 20596

Ion Ratio Lower Upper

83 100

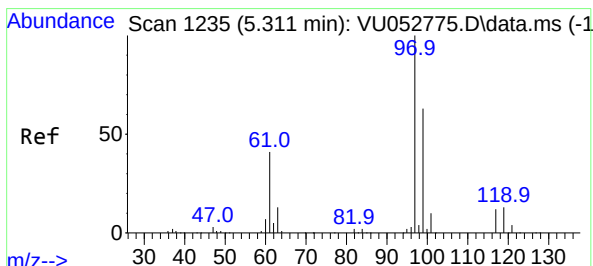
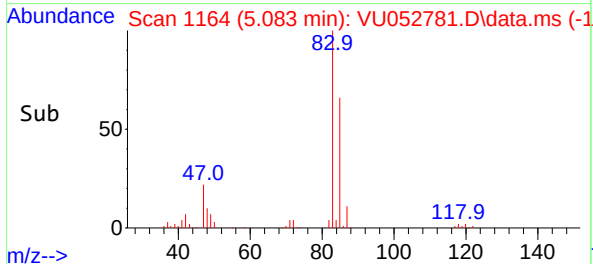
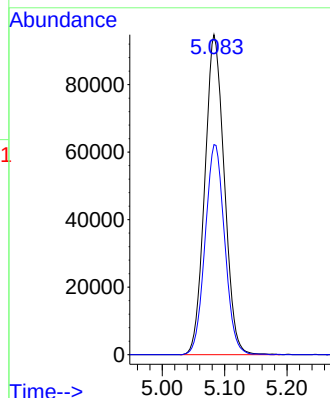
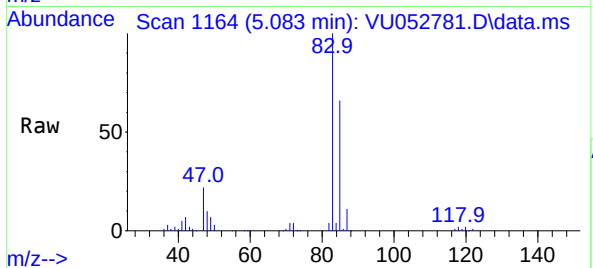
85 65.7 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/27/2023

Supervised By :Mahesh Dadoda 01/30/2023



#28

1,1,1-Trichloroethane

Concen: 10.456 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

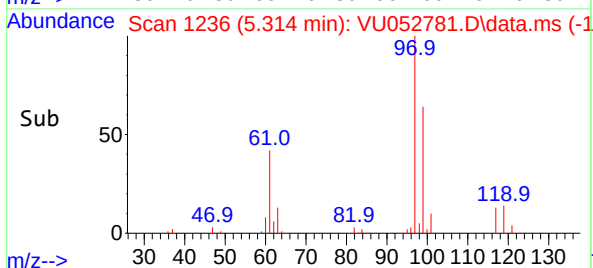
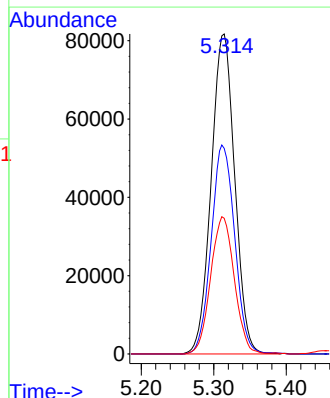
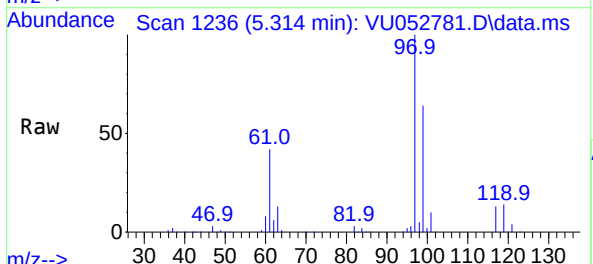
Tgt Ion: 97 Resp: 184485

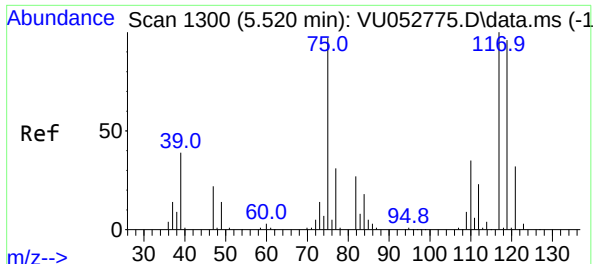
Ion Ratio Lower Upper

97 100

99 65.4 31.9 95.5

61 43.2 20.8 62.2





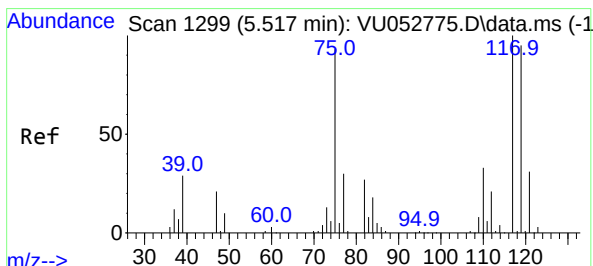
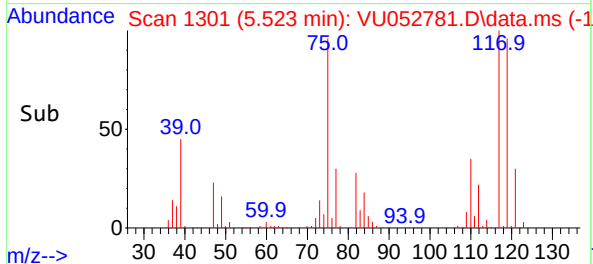
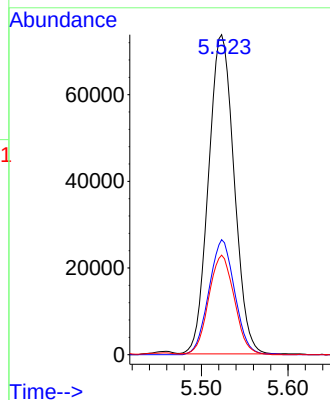
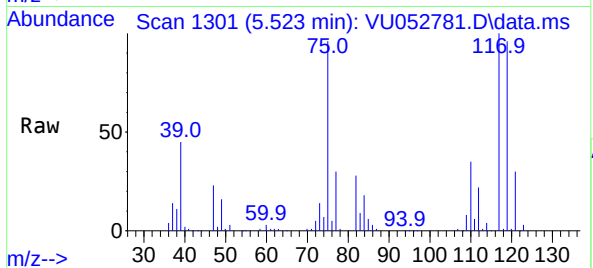
#29  
1,1-Dichloropropene  
Concen: 10.159 ug/l  
RT: 5.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 75 Resp: 15112  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.4 52.2  
77 31.4 24.8 37.2

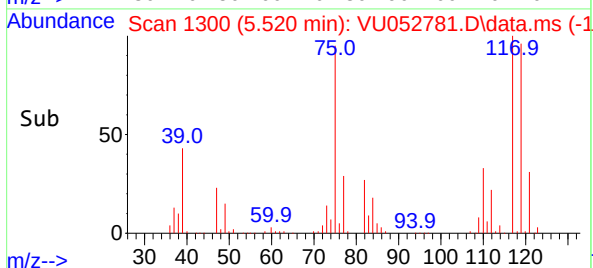
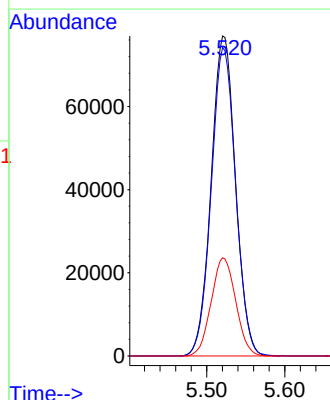
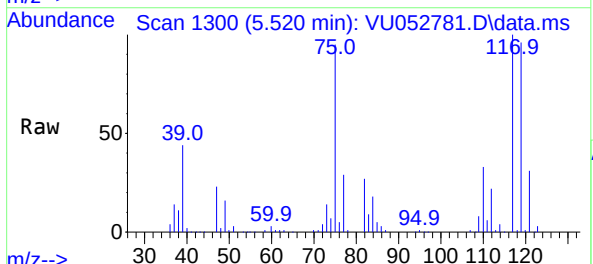
Manual Integrations  
APPROVED

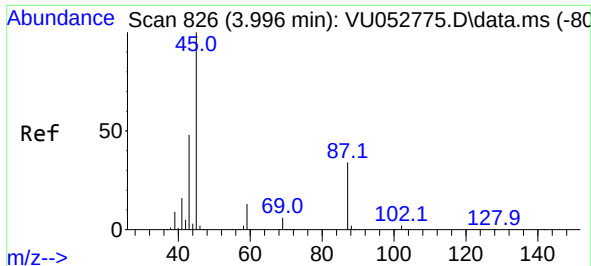
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#30  
Carbon Tetrachloride  
Concen: 10.452 ug/l  
RT: 5.520 min Scan# 1300  
Delta R.T. 0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

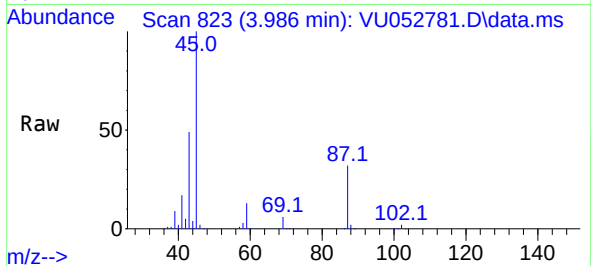
Tgt Ion:117 Resp: 167339  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.4 114.6  
121 30.7 25.0 37.6





#31  
Isopropyl Ether  
Concen: 10.615 ug/l  
RT: 3.986 min Scan# 81  
Delta R.T. -0.010 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

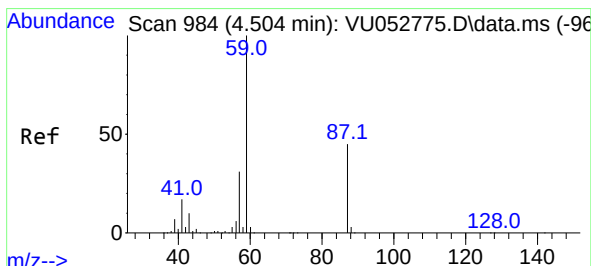
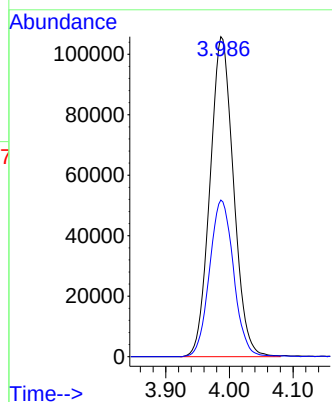
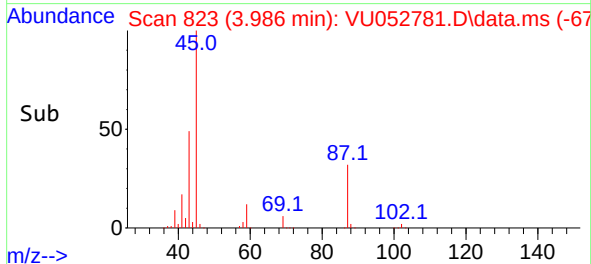
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



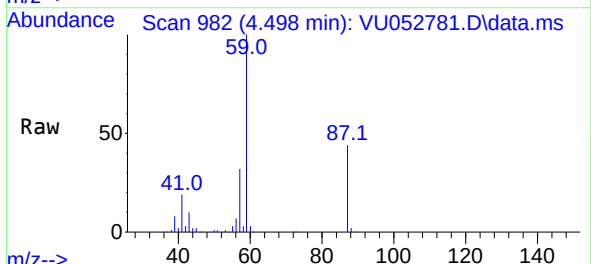
Tgt Ion: 45 Resp: 27198  
Ion Ratio Lower Upper  
45 100  
43 50.2 24.5 73.5

Manual Integrations  
APPROVED

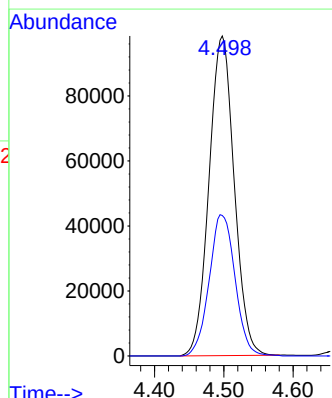
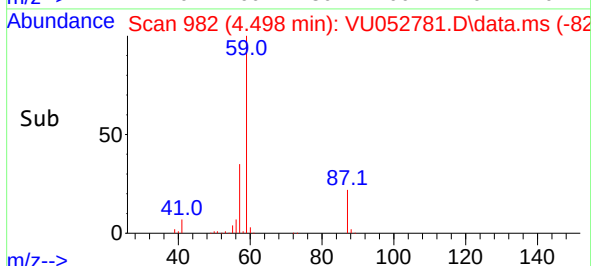
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

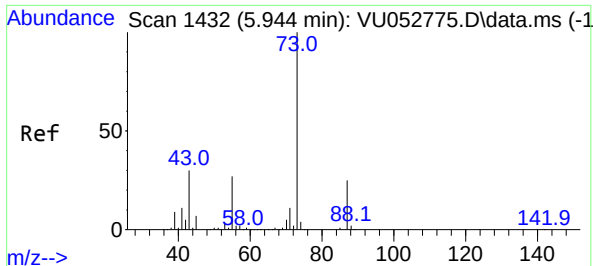


#32  
Ethyl-t-butyl ether  
Concen: 10.379 ug/l  
RT: 4.498 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 59 Resp: 248281  
Ion Ratio Lower Upper  
59 100  
87 45.4 36.2 54.2





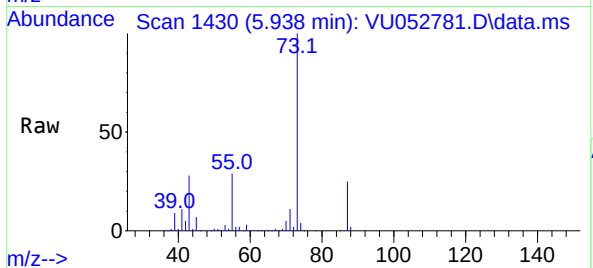
Tert-Amyl methyl ether  
Concen: 10.369 ug/l  
RT: 5.938 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010



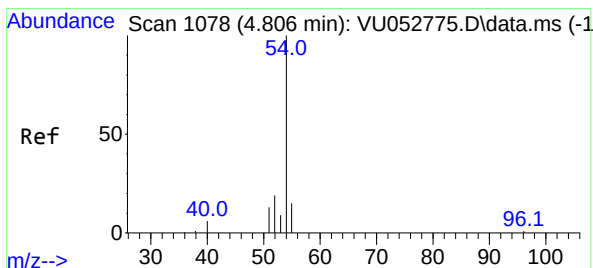
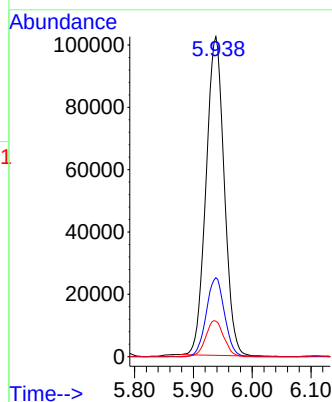
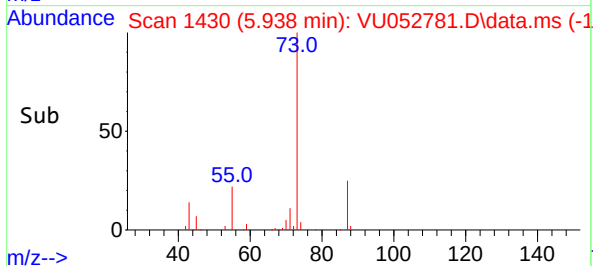
Tgt Ion: 73 Resp: 21935  
Ion Ratio Lower Upper  
73 100  
87 25.0 20.1 30.1  
71 11.3 9.2 13.8

Manual Integrations

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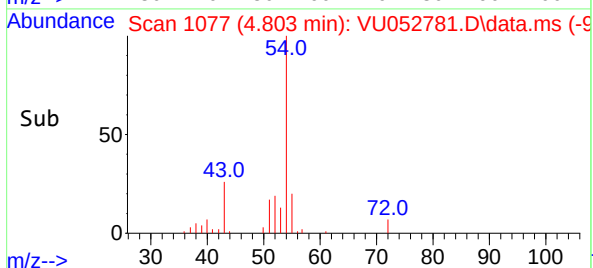
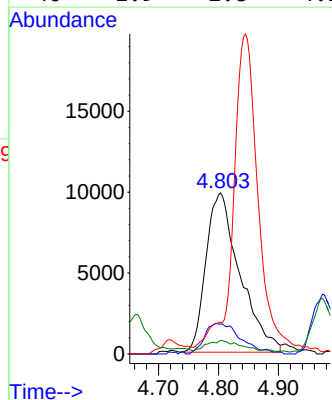
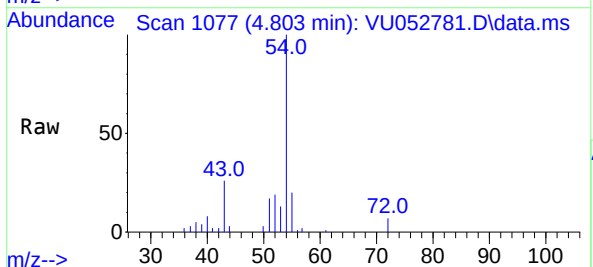
Reviewed By :Krupa Patel 01/27/2023

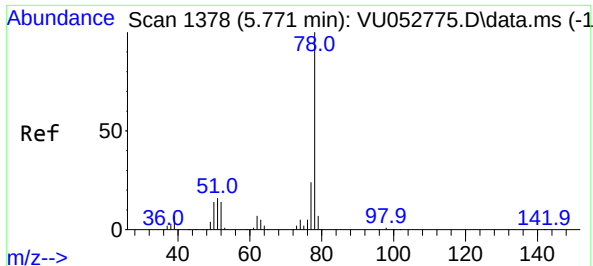
Supervised By :Mahesh Dadoda 01/30/2023



Propionitrile  
Concen: 50.971 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

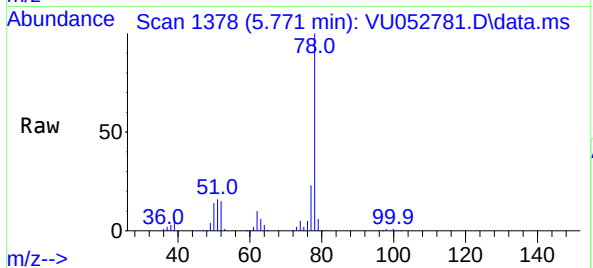
Tgt Ion: 54 Resp: 38682  
Ion Ratio Lower Upper  
54 100  
52 19.6 16.9 25.3  
55 144.5 118.6 178.0  
40 1.9 2.8 4.2#





#35  
Benzene  
Concen: 10.212 ug/l  
RT: 5.771 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

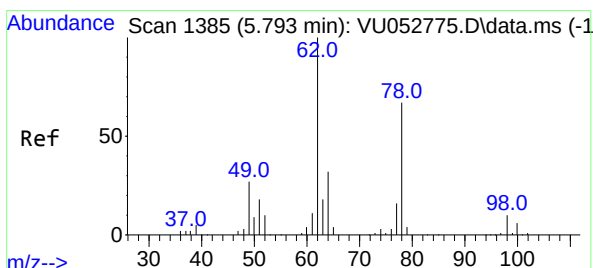
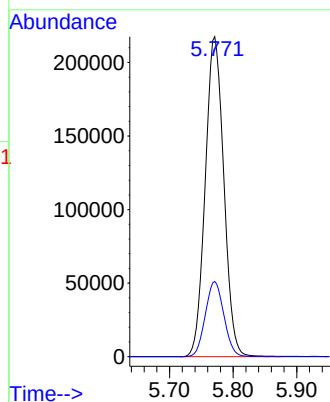
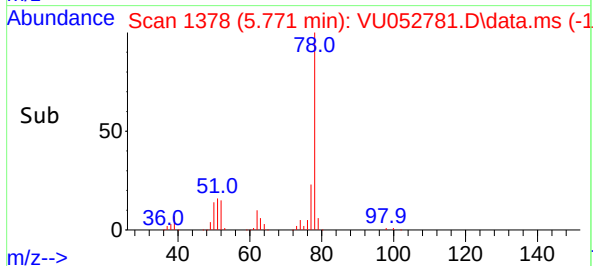
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 78 Resp: 440748  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.4

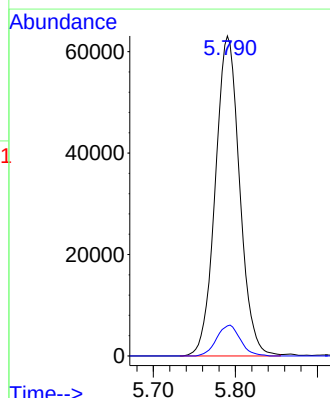
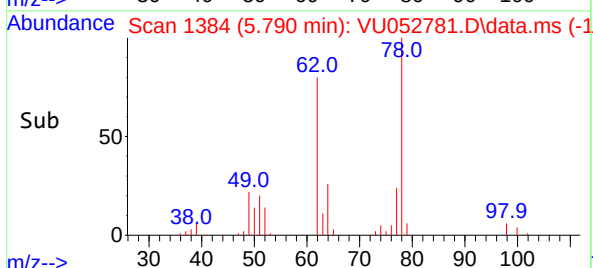
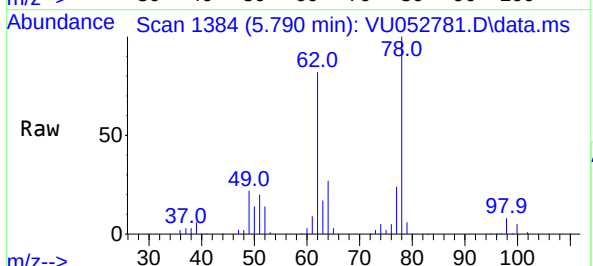
Manual Integrations  
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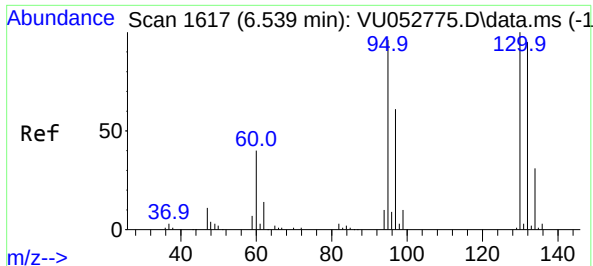
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#36  
1,2-Dichloroethane  
Concen: 10.002 ug/l  
RT: 5.790 min Scan# 1384  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

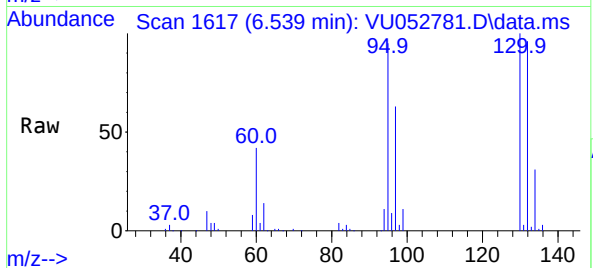
Tgt Ion: 62 Resp: 129672  
Ion Ratio Lower Upper  
62 100  
98 9.4 7.5 11.3





#37  
Trichloroethene  
Concen: 10.033 ug/l  
RT: 6.539 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

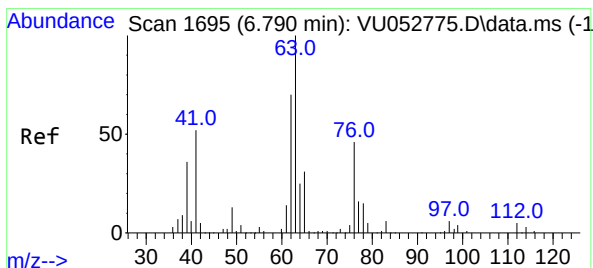
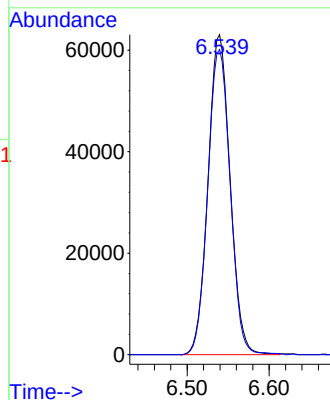
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



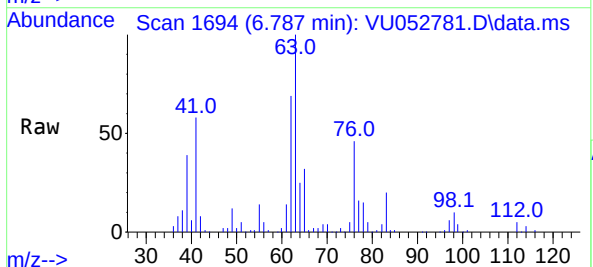
Tgt Ion:130 Resp: 118052  
Ion Ratio Lower Upper  
130 100  
95 95.3 76.6 114.8

Manual Integrations  
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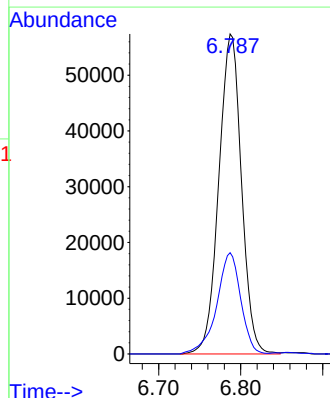
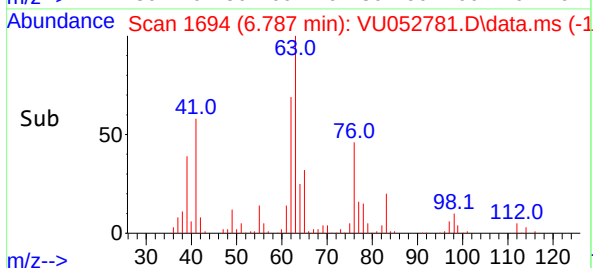
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

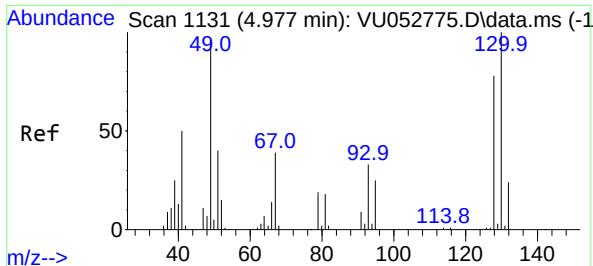


#38  
1,2-Dichloropropane  
Concen: 10.063 ug/l  
RT: 6.787 min Scan# 1694  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 63 Resp: 110193  
Ion Ratio Lower Upper  
63 100  
65 31.7 24.6 36.8





#39

Methacrylonitrile

Concen: 10.006 ug/l

RT: 4.970 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 3033

Ion Ratio Lower Upper

41 100

67 84.8 64.9 97.3

39 55.1 41.7 62.5

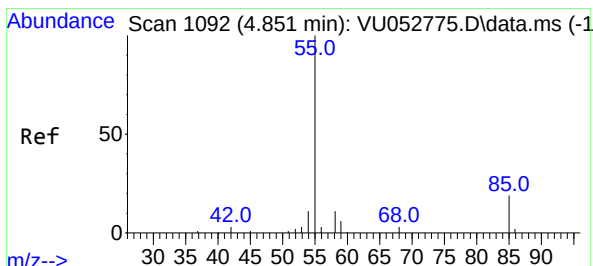
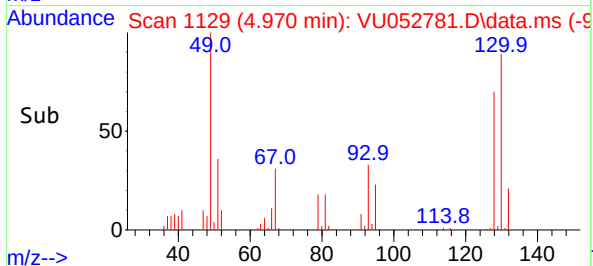
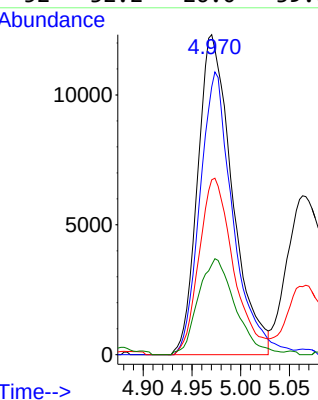
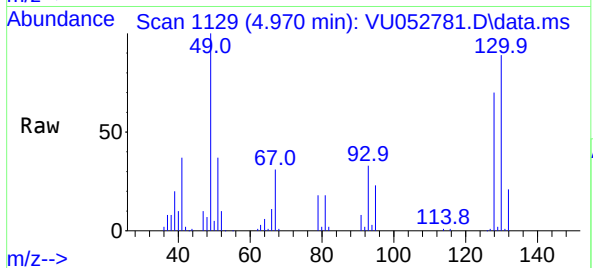
52 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/27/2023

Supervised By :Mahesh Dadoda 01/30/2023



#40

Methyl acrylate

Concen: 10.403 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Tgt Ion: 55 Resp: 55896

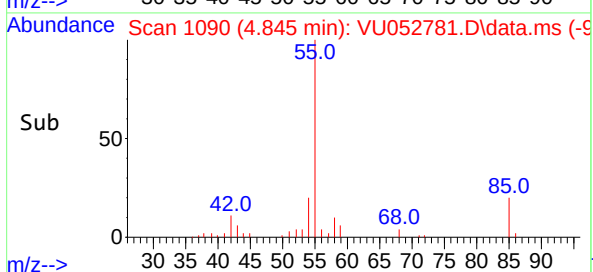
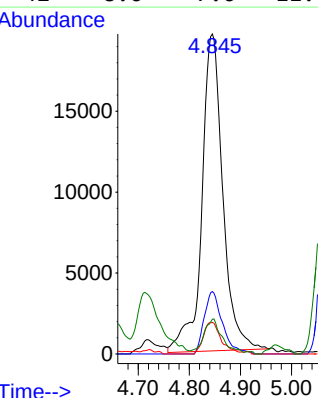
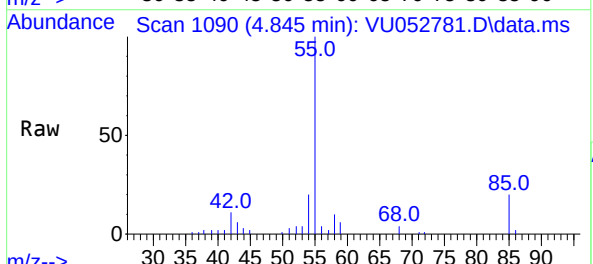
Ion Ratio Lower Upper

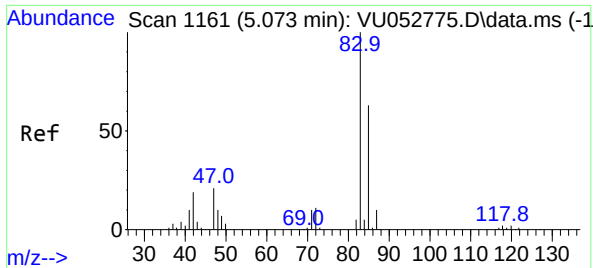
55 100

85 17.2 14.4 21.6

58 8.4 7.3 10.9

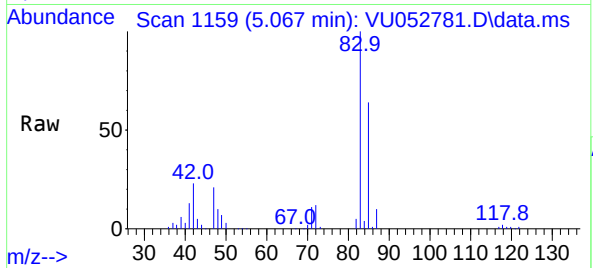
42 8.6 7.6 11.4





#41  
Tetrahydrofuran  
Concen: 20.510 ug/l  
RT: 5.067 min Scan# 1161  
Delta R.T. -0.006 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

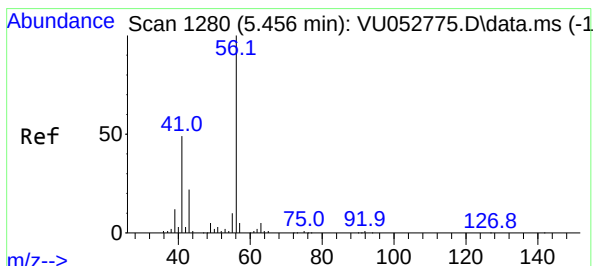
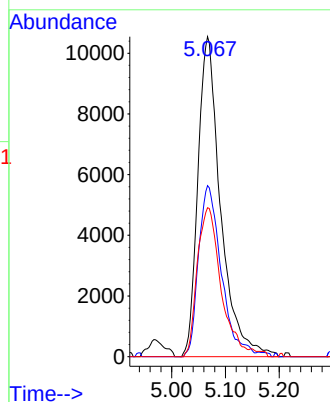
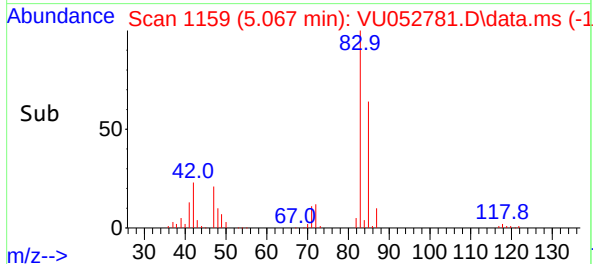
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



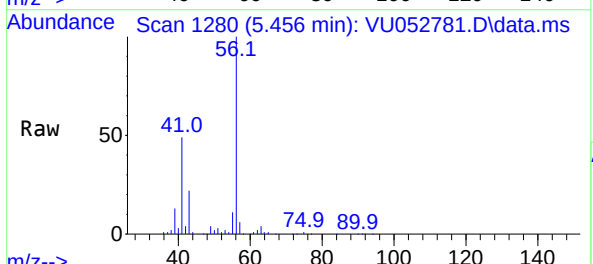
Tgt Ion: 42 Resp: 30924  
Ion Ratio Lower Upper  
42 100  
72 53.6 49.1 73.7  
71 48.1 43.8 65.6

Manual Integrations  
APPROVED

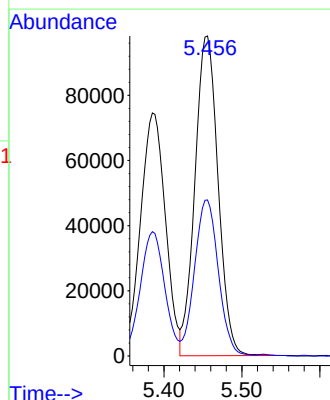
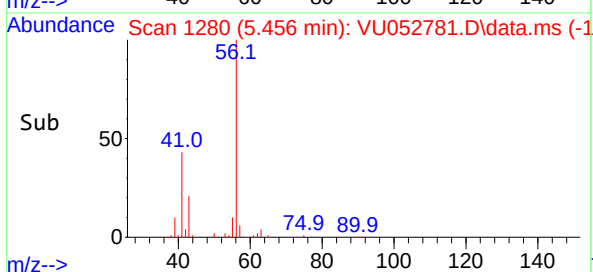
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



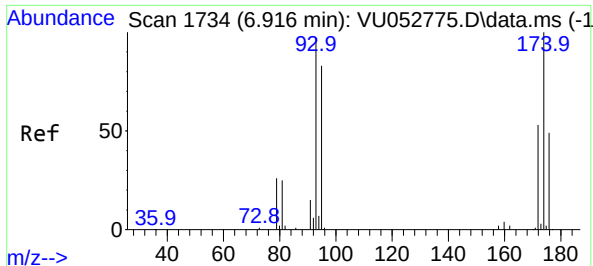
#42  
1-Chlorobutane  
Concen: 10.642 ug/l  
RT: 5.456 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 56 Resp: 202391  
Ion Ratio Lower Upper  
56 100  
41 49.7 24.5 73.5

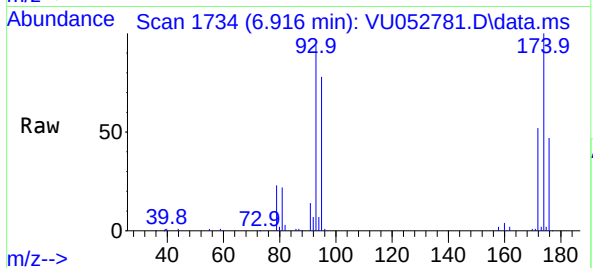






#43  
Dibromomethane  
Concen: 9.741 ug/l  
RT: 6.916 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

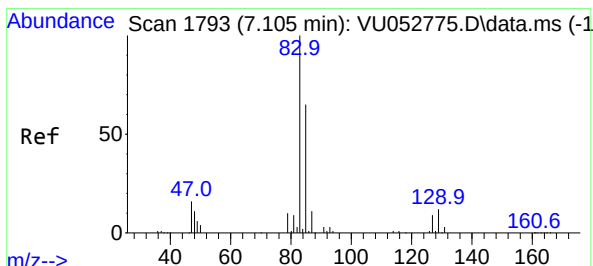
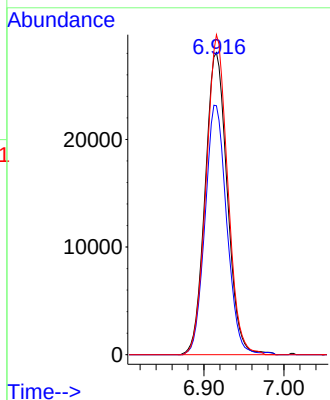
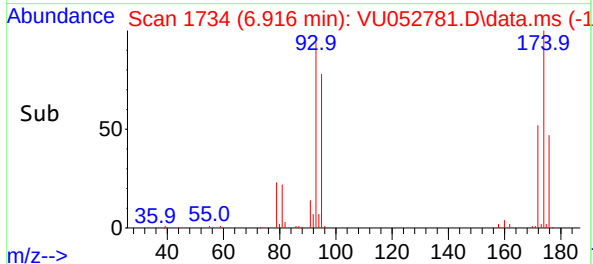
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



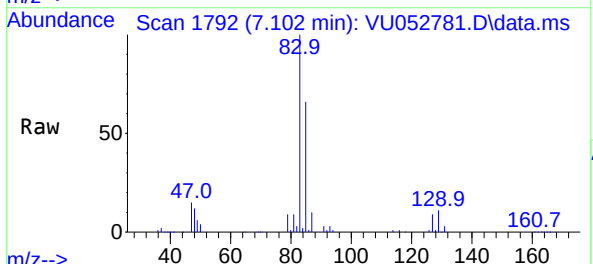
Tgt Ion: 93 Resp: 53992  
Ion Ratio Lower Upper  
93 100  
95 80.9 67.0 100.6  
174 102.8 82.2 123.4

Manual Integrations  
APPROVED

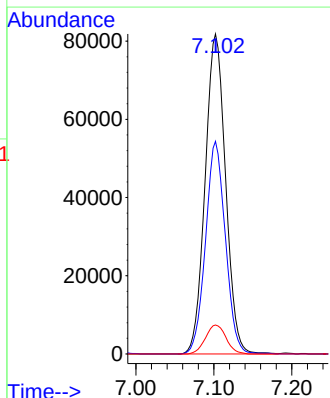
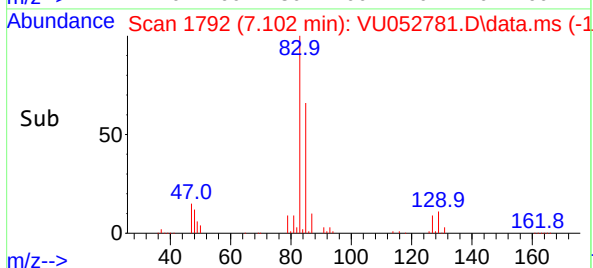
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

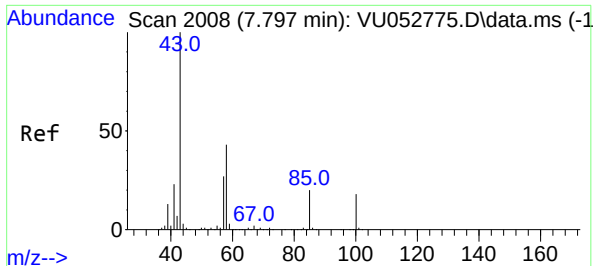


#44  
Bromodichloromethane  
Concen: 9.929 ug/l  
RT: 7.102 min Scan# 1792  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 83 Resp: 149302  
Ion Ratio Lower Upper  
83 100  
85 66.5 52.1 78.1  
127 9.0 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 50.586 ug/l

RT: 7.790 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 29464

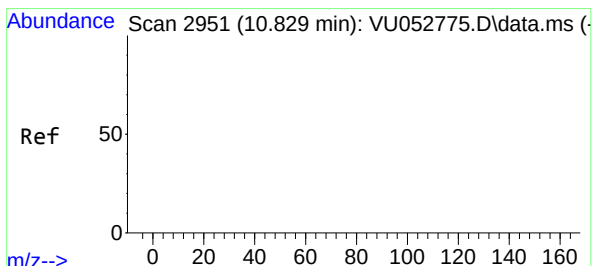
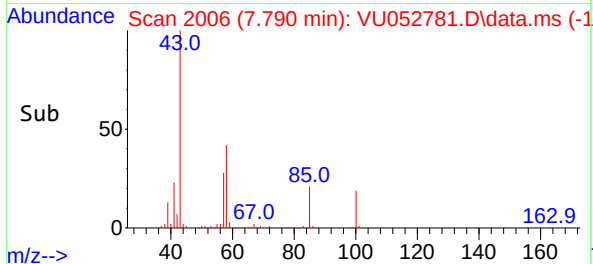
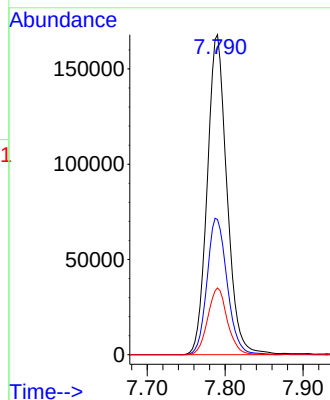
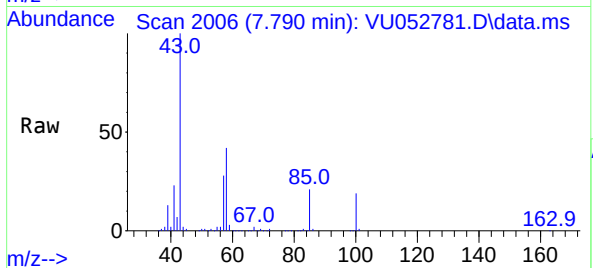
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 43.7  | 21.7  | 65.1  |
| 85  | 20.8  | 16.2  | 24.4  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/27/2023

Supervised By :Mahesh Dadoda 01/30/2023



#46

t-1,4-Dichloro-2-butene

Concen: 20.658 ug/l m

RT: 10.825 min Scan# 2950

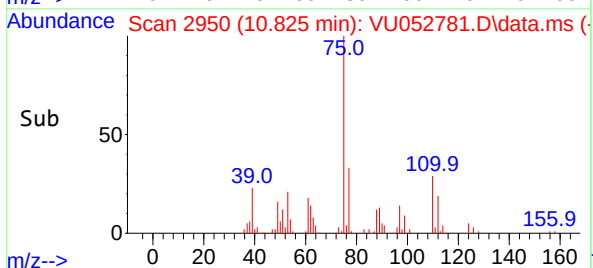
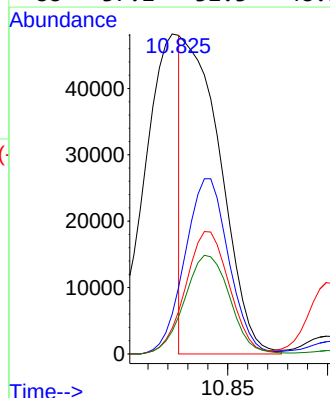
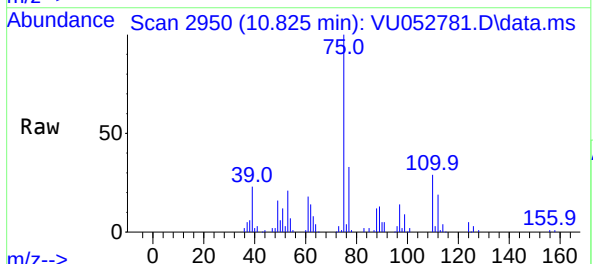
Delta R.T. -0.003 min

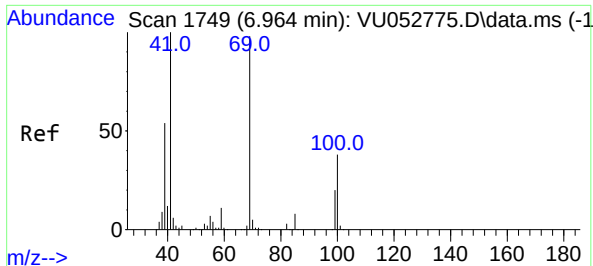
Lab File: VU052781.D

Acq: 24 Jan 2023 10:11

Tgt Ion: 75 Resp: 63088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 64.2  | 57.0  | 85.4  |
| 89  | 44.8  | 41.1  | 61.7  |
| 88  | 37.2  | 32.3  | 48.5  |





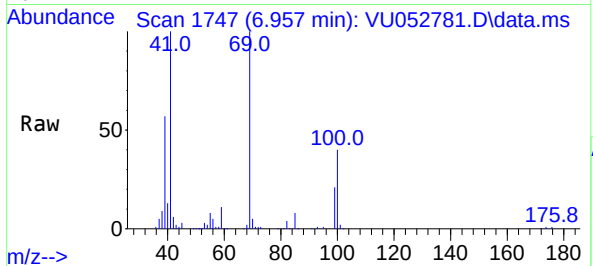
#47  
Methyl methacrylate  
Concen: 20.725 ug/l  
RT: 6.957 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010



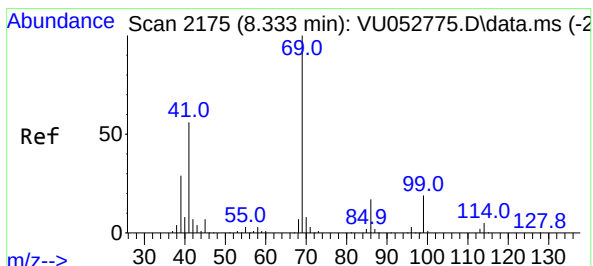
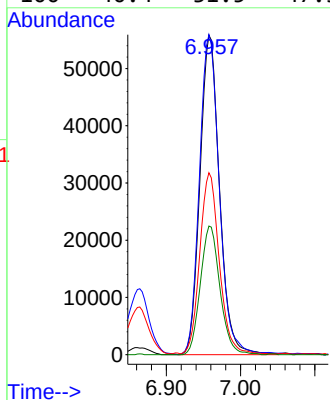
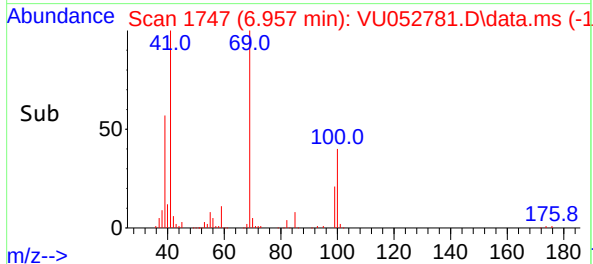
Tgt Ion: 69 Resp: 10211  
Ion Ratio Lower Upper  
69 100  
41 101.8 0.0 201.8  
39 56.5 44.0 66.0  
100 40.4 31.5 47.3

Manual Integrations

APPROVED

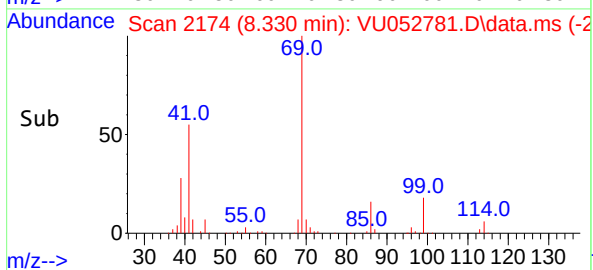
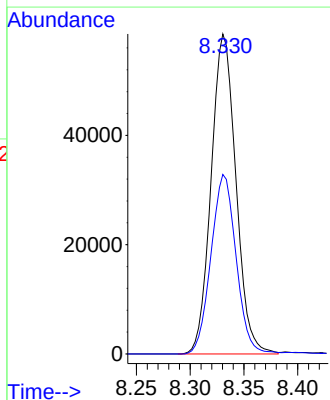
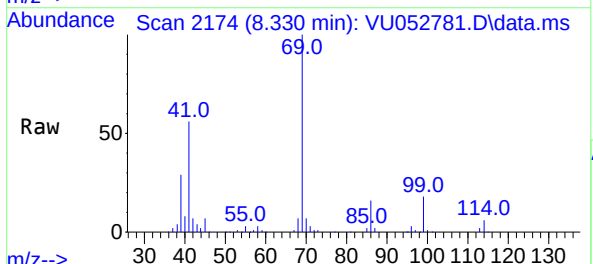
Reviewed By :Krupa Patel 01/27/2023

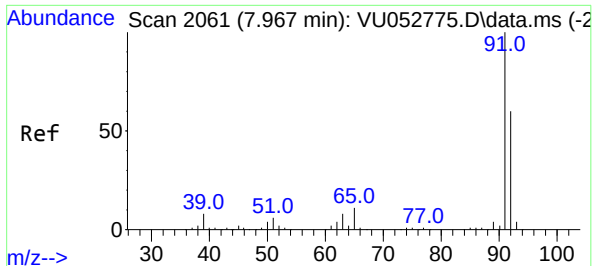
Supervised By :Mahesh Dadoda 01/30/2023



#48  
Ethyl methacrylate  
Concen: 10.502 ug/l  
RT: 8.330 min Scan# 2174  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

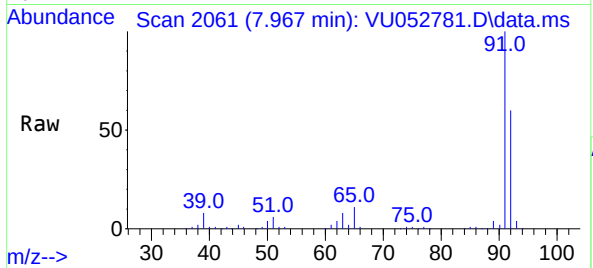
Tgt Ion: 69 Resp: 93804  
Ion Ratio Lower Upper  
69 100  
41 56.9 28.1 84.4





#49  
Toluene  
Concen: 10.575 ug/l  
RT: 7.967 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

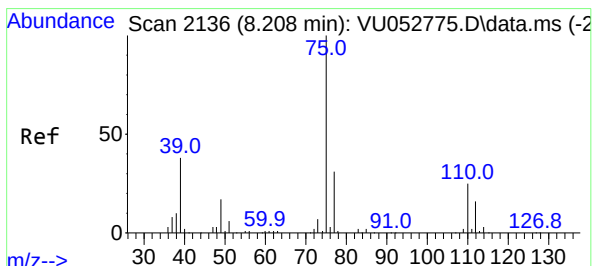
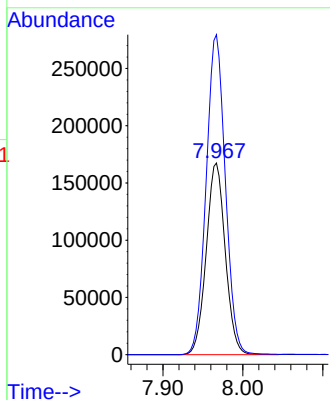
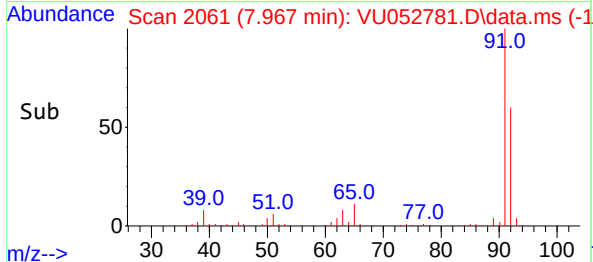
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



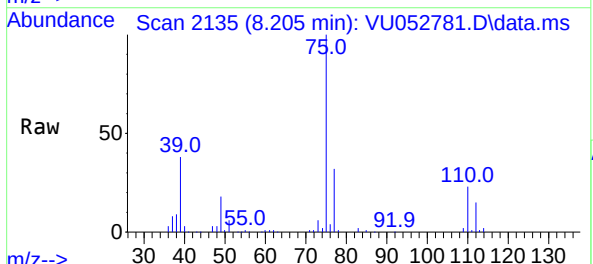
Tgt Ion: 92 Resp: 27713  
Ion Ratio Lower Upper  
92 100  
91 168.3 133.8 200.8

Manual Integrations  
**APPROVED**

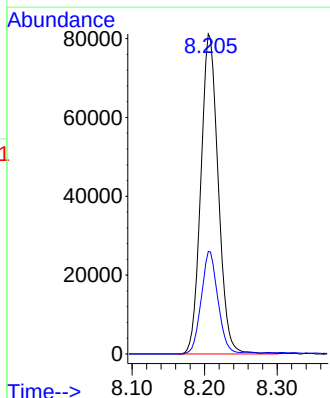
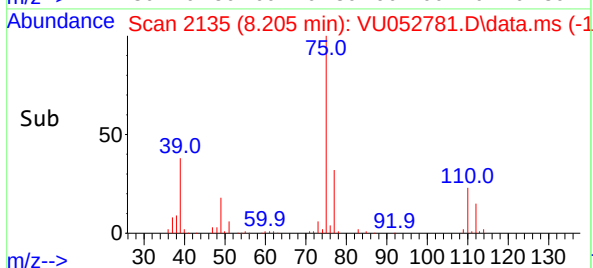
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

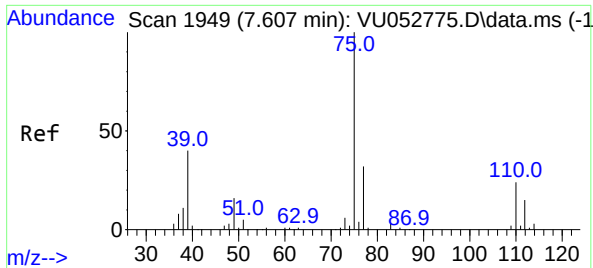


#50  
t-1,3-Dichloropropene  
Concen: 10.293 ug/l  
RT: 8.205 min Scan# 2135  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



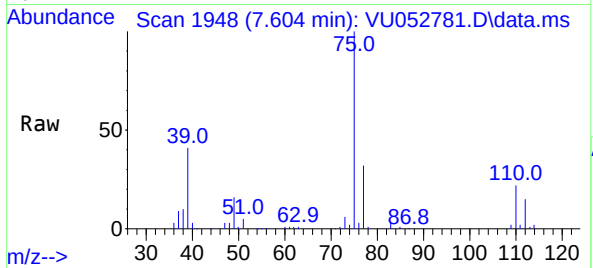
Tgt Ion: 75 Resp: 134988  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.4 36.6





#51  
cis-1,3-Dichloropropene  
Concen: 10.124 ug/l  
RT: 7.604 min Scan# 1949  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

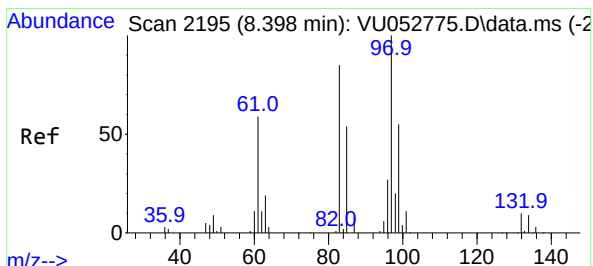
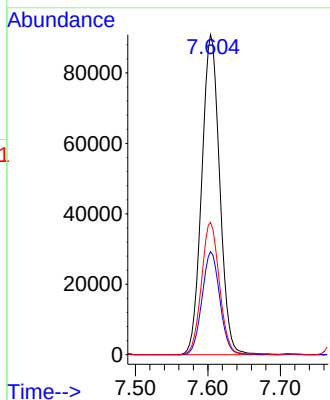
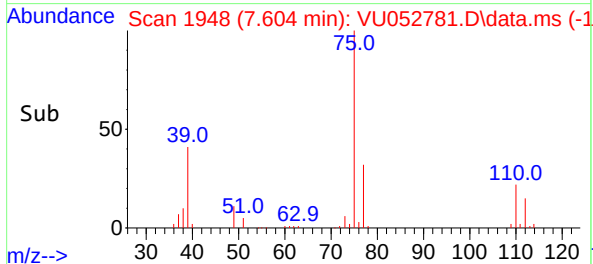
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 75 Resp: 156200  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.5 38.3  
39 41.4 32.3 48.5

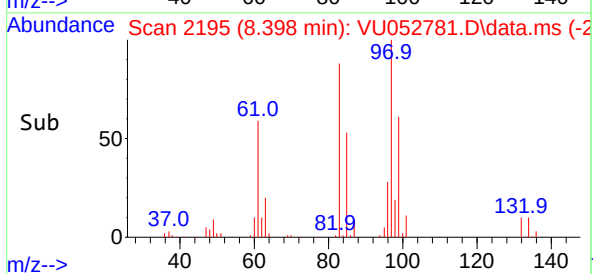
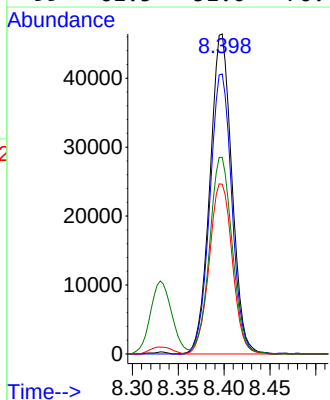
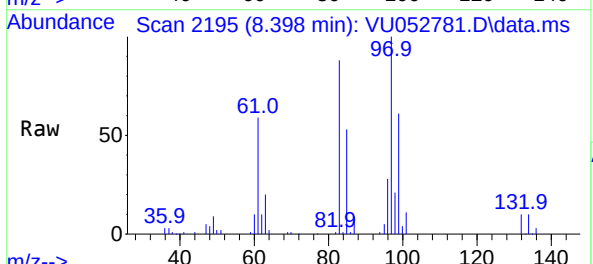
Manual Integrations  
APPROVED

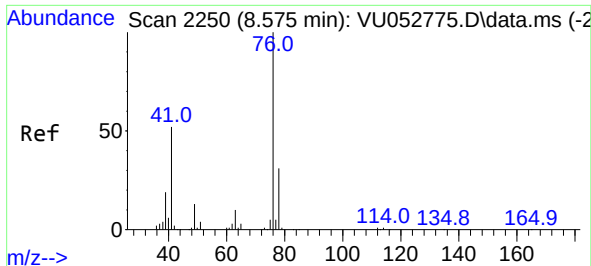
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#52  
1,1,2-Trichloroethane  
Concen: 9.833 ug/l  
RT: 8.398 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

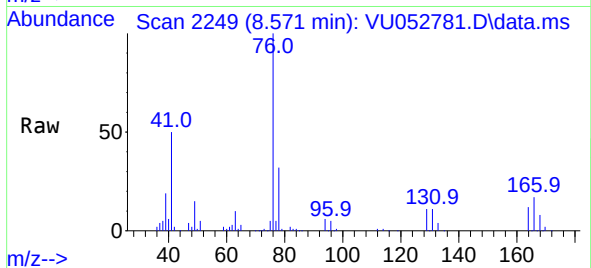
Tgt Ion: 97 Resp: 77509  
Ion Ratio Lower Upper  
97 100  
83 87.5 68.2 102.2  
85 53.1 44.5 66.7  
99 61.5 51.0 76.4





#53  
1,3-Dichloropropane  
Concen: 9.938 ug/l  
RT: 8.571 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

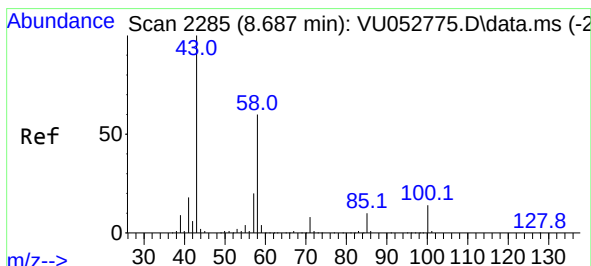
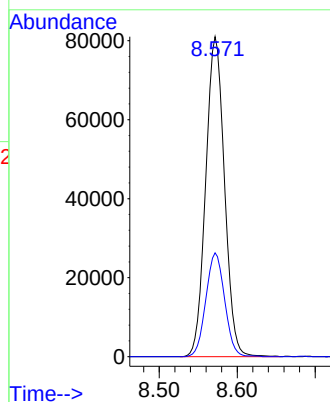
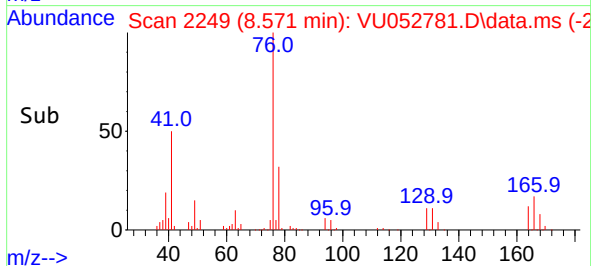
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



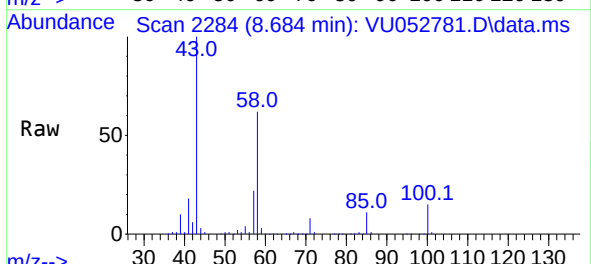
Tgt Ion: 76 Resp: 13540  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.2 37.8

Manual Integrations  
APPROVED

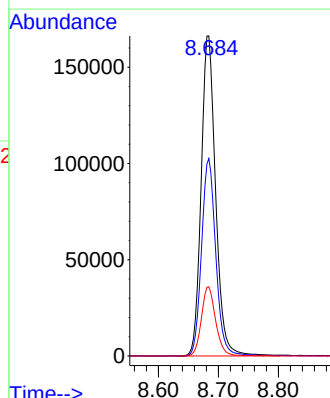
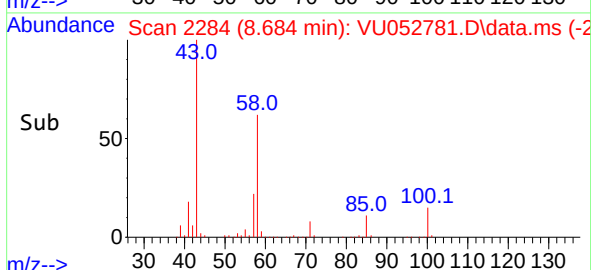
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

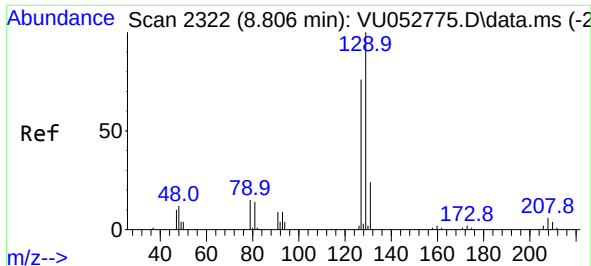


#54  
2-Hexanone  
Concen: 54.989 ug/l  
RT: 8.684 min Scan# 2284  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 43 Resp: 280208  
Ion Ratio Lower Upper  
43 100  
58 60.7 40.0 80.0  
57 21.2 0.6 40.6





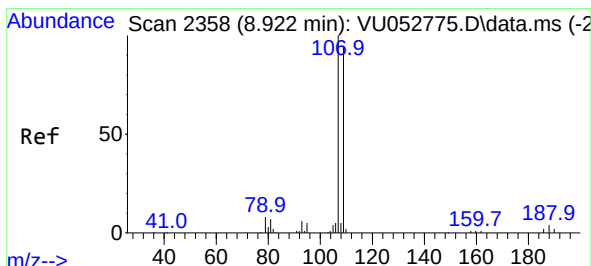
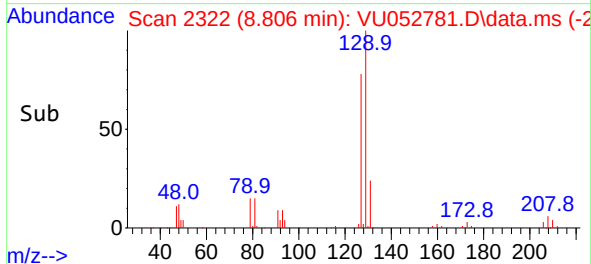
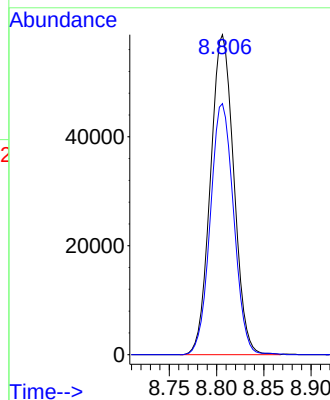
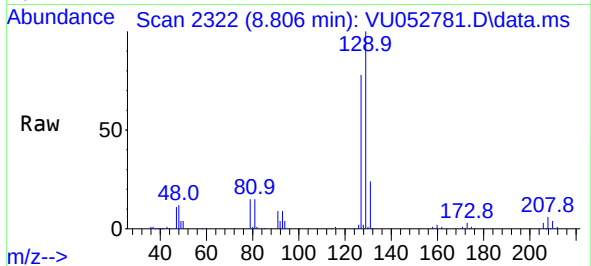
#55  
Dibromochloromethane  
Concen: 9.797 ug/l  
RT: 8.806 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:129 Resp: 101004  
Ion Ratio Lower Upper  
129 100  
127 78.5 61.5 92.3

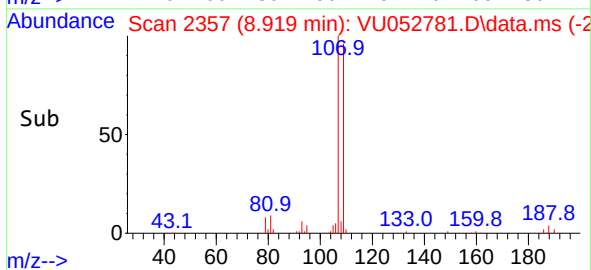
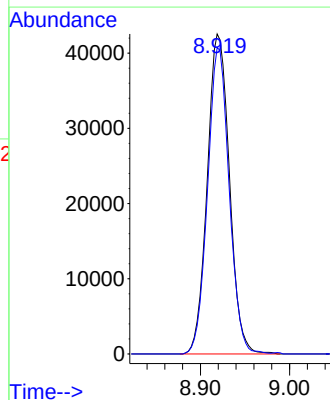
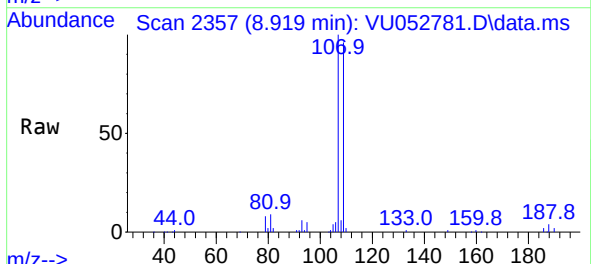
Manual Integrations  
**APPROVED**

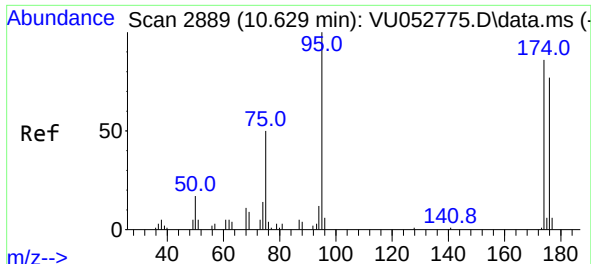
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#56  
1,2-Dibromoethane  
Concen: 9.798 ug/l  
RT: 8.919 min Scan# 2357  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

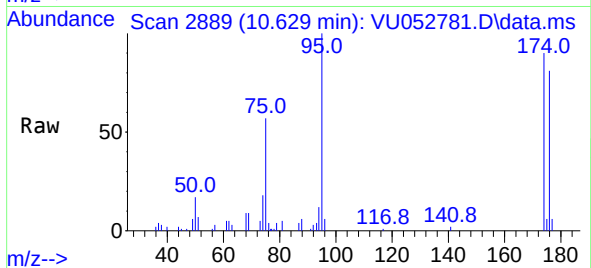
Tgt Ion:107 Resp: 73525  
Ion Ratio Lower Upper  
107 100  
109 93.1 0.0 190.4





#57  
4-Bromofluorobenzene  
Concen: 1.141 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

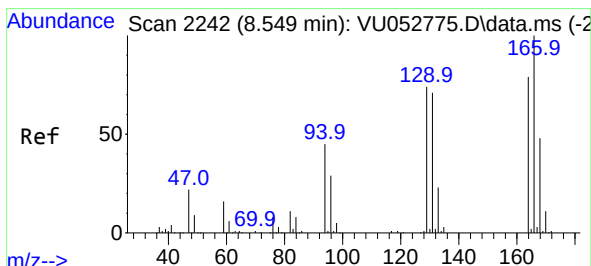
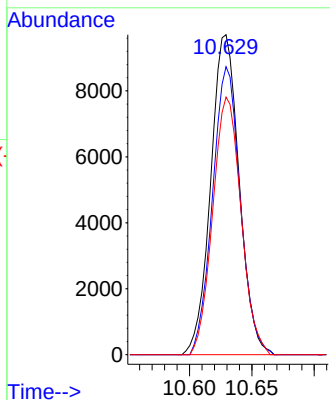
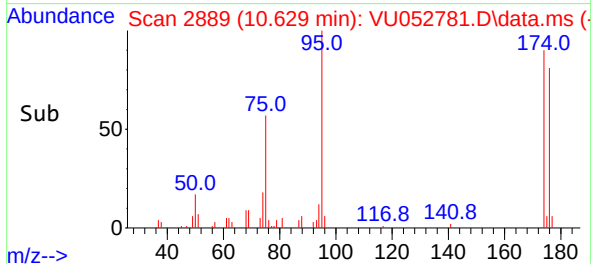
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



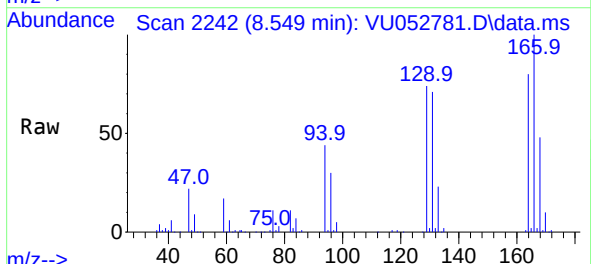
Tgt Ion: 95 Resp: 1543  
Ion Ratio Lower Upper  
95 100  
174 87.4 66.9 100.3  
176 80.0 61.9 92.9

Manual Integrations  
APPROVED

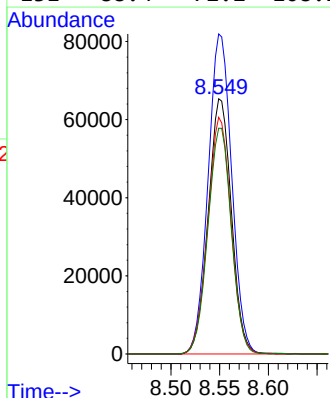
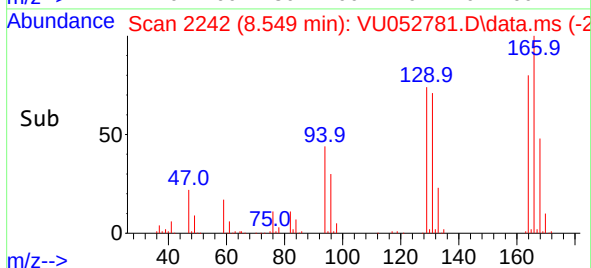
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



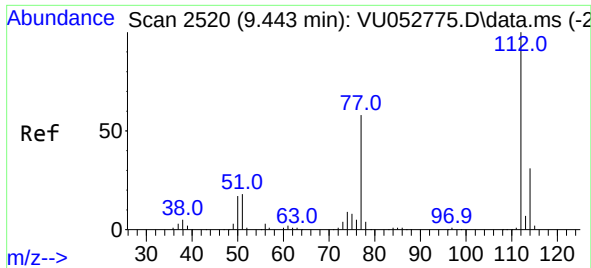
#58  
Tetrachloroethene  
Concen: 10.206 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:164 Resp: 108364  
Ion Ratio Lower Upper  
164 100  
166 125.4 101.5 152.3  
129 92.7 75.2 112.8  
131 88.4 72.2 108.2

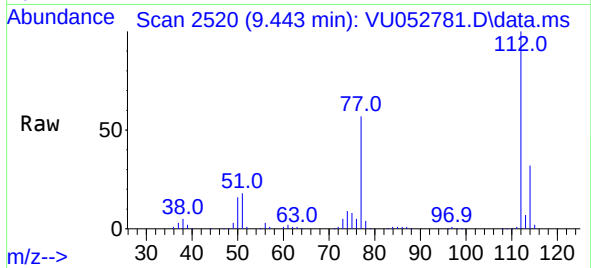






#59  
Chlorobenzene  
Concen: 10.396 ug/l  
RT: 9.443 min Scan# 2520  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

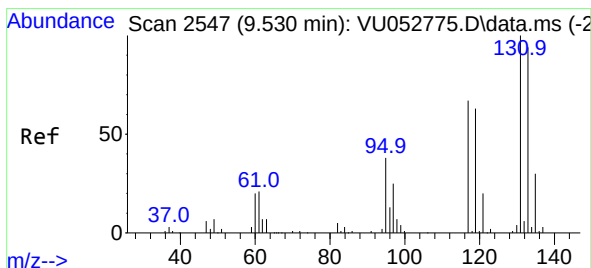
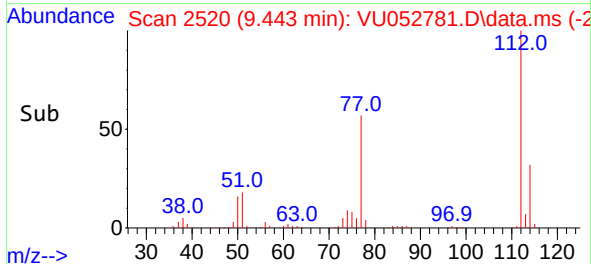
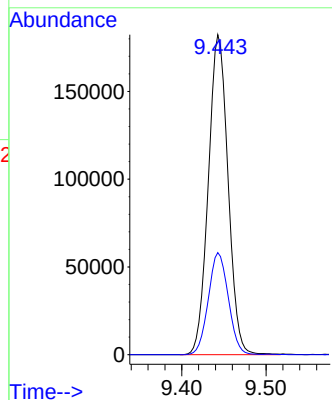
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



Tgt Ion:112 Resp: 296499  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.2 37.8

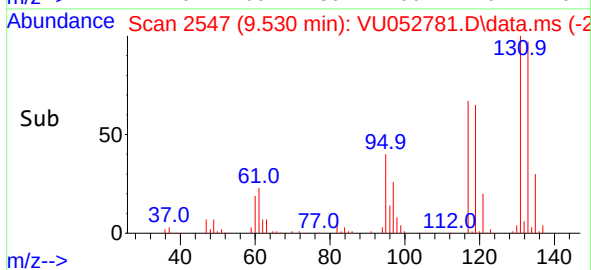
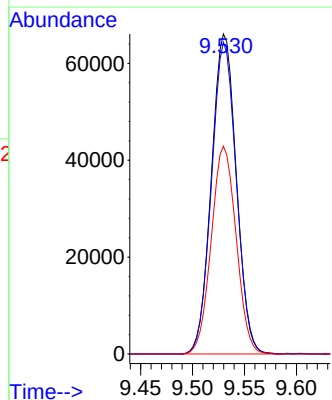
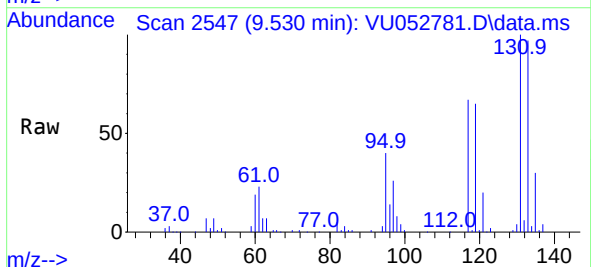
Manual Integrations  
APPROVED

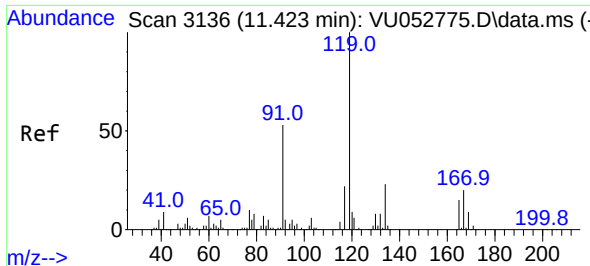
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#60  
1,1,1,2-Tetrachloroethane  
Concen: 9.969 ug/l  
RT: 9.530 min Scan# 2547  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:131 Resp: 110047  
Ion Ratio Lower Upper  
131 100  
133 97.1 77.2 115.8  
119 64.9 50.8 76.2





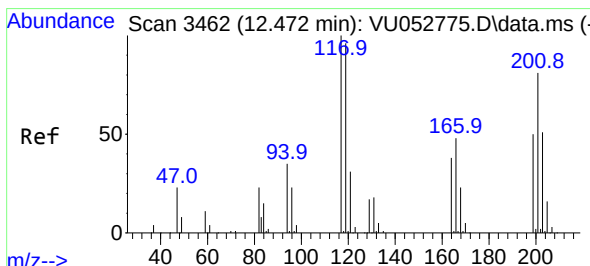
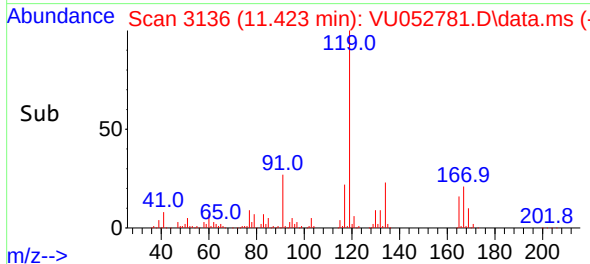
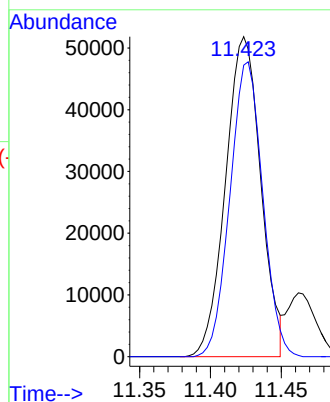
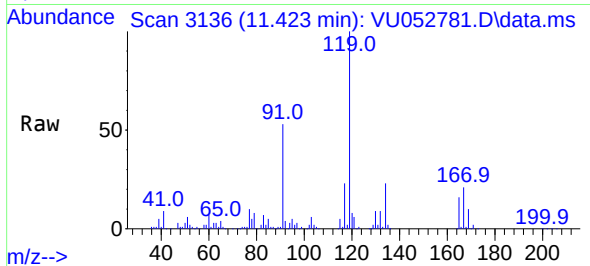
#61  
Pentachloroethane  
Concen: 9.919 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:117 Resp: 89699  
Ion Ratio Lower Upper  
117 100  
167 85.6 66.8 100.2

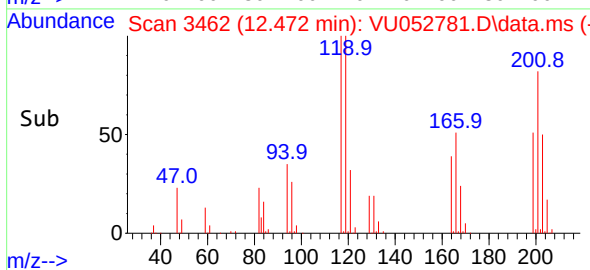
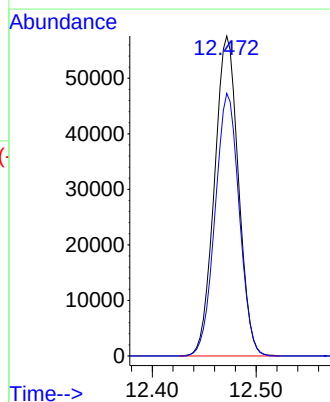
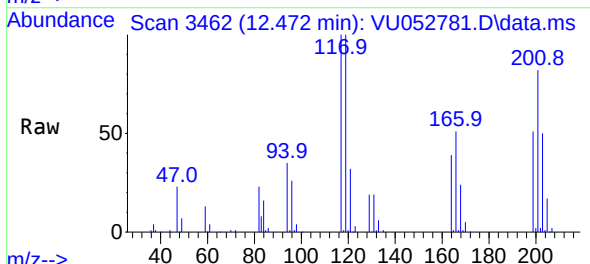
Manual Integrations  
APPROVED

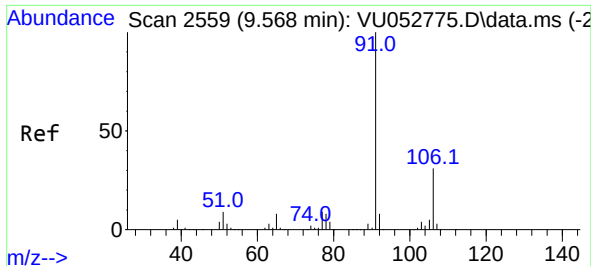
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#62  
Hexachloroethane  
Concen: 10.111 ug/l  
RT: 12.472 min Scan# 3462  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

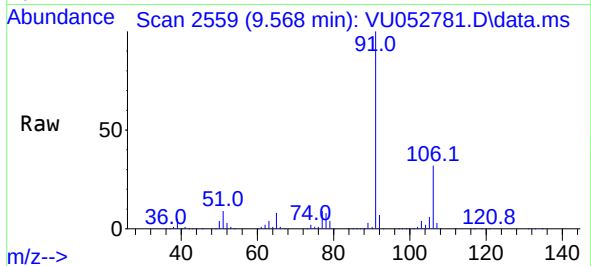
Tgt Ion:117 Resp: 92383  
Ion Ratio Lower Upper  
117 100  
201 82.6 64.6 97.0





#63  
Ethyl Benzene  
Concen: 11.095 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

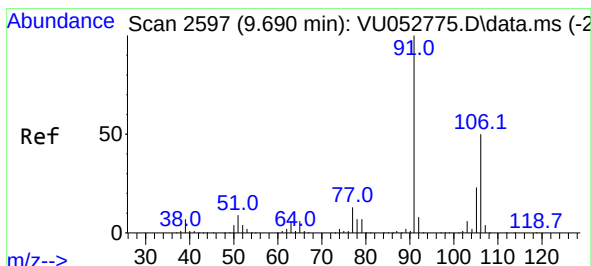
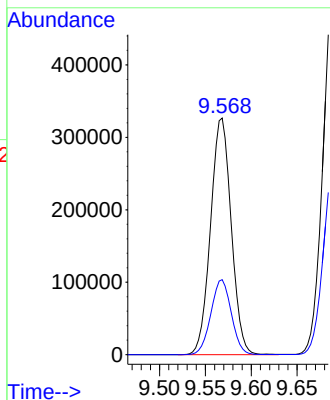
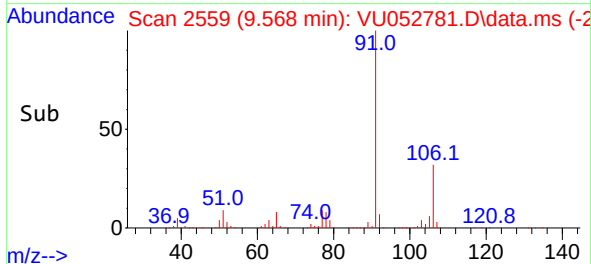
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



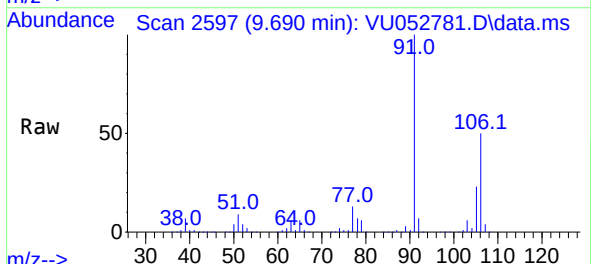
Tgt Ion: 91 Resp: 512610  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.1 37.7

Manual Integrations  
APPROVED

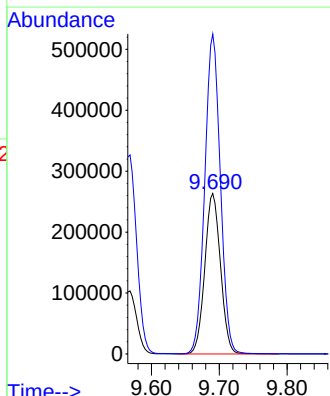
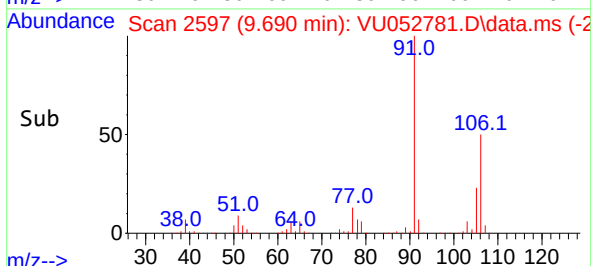
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

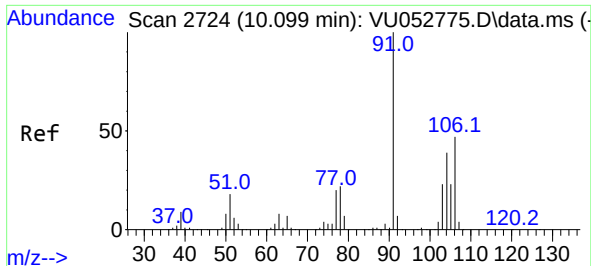


#64  
m/p-Xylenes  
Concen: 22.923 ug/l  
RT: 9.690 min Scan# 2597  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:106 Resp: 422238  
Ion Ratio Lower Upper  
106 100  
91 198.1 158.7 238.1





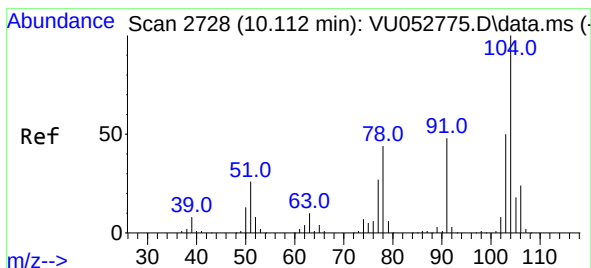
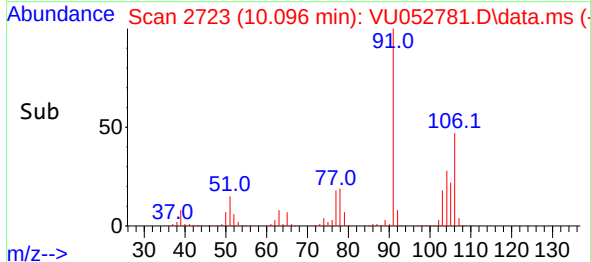
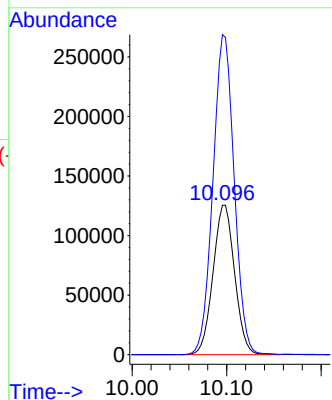
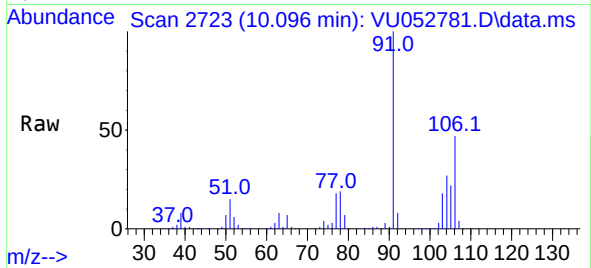
#65  
o-Xylene  
Concen: 11.199 ug/l  
RT: 10.096 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:106 Resp: 19904  
Ion Ratio Lower Upper  
106 100  
91 210.9 105.6 316.8

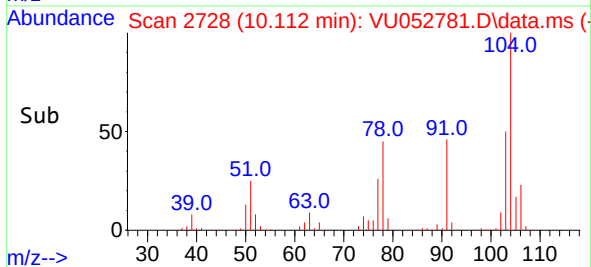
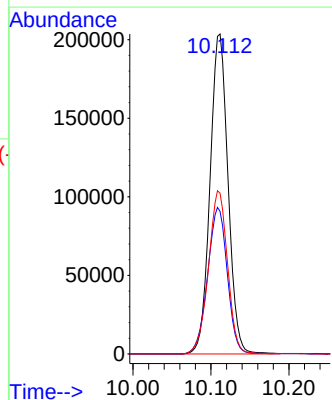
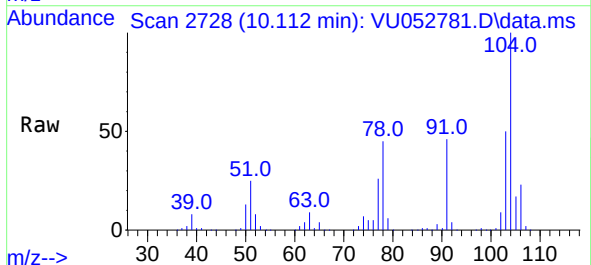
Manual Integrations  
APPROVED

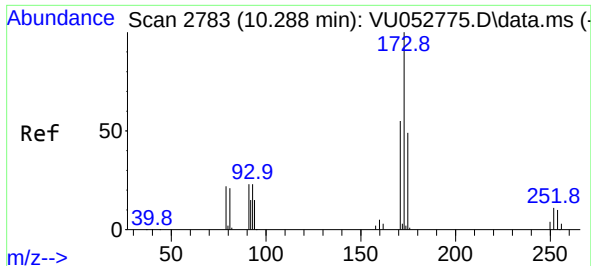
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#66  
Styrene  
Concen: 9.558 ug/l  
RT: 10.112 min Scan# 2728  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:104 Resp: 326849  
Ion Ratio Lower Upper  
104 100  
78 50.1 39.6 59.4  
103 54.1 42.9 64.3





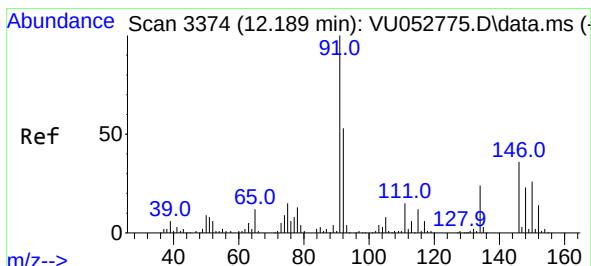
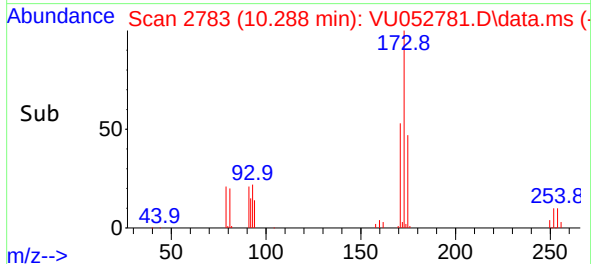
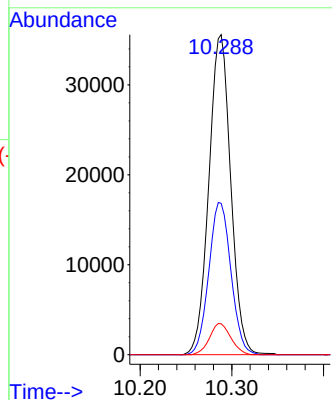
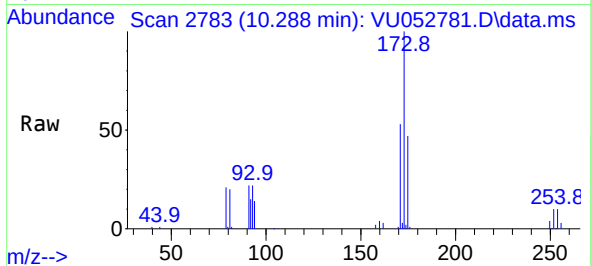
#67  
Bromoform  
Concen: 9.705 ug/l  
RT: 10.288 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:173 Resp: 5904  
Ion Ratio Lower Upper  
173 100  
175 48.1 39.5 59.3  
254 9.5 8.0 12.0

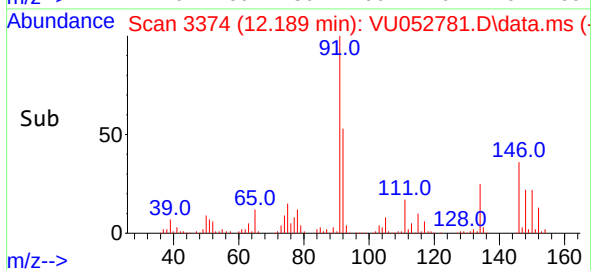
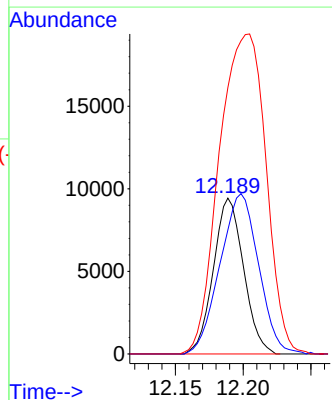
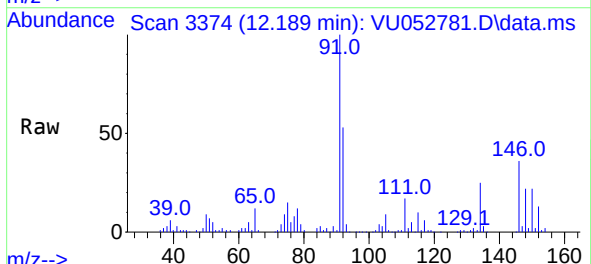
Manual Integrations  
APPROVED

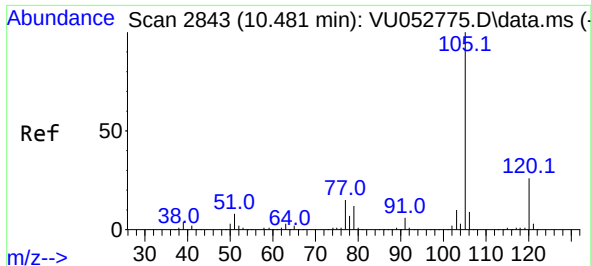
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.050 ug/l  
RT: 12.189 min Scan# 3374  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:152 Resp: 14608  
Ion Ratio Lower Upper  
152 100  
115 131.6 0.0 262.6  
150 317.4 0.0 638.0





#69  
Isopropylbenzene  
Concen: 11.415 ug/l  
RT: 10.481 min Scan# 2843  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

ClientSampleId :

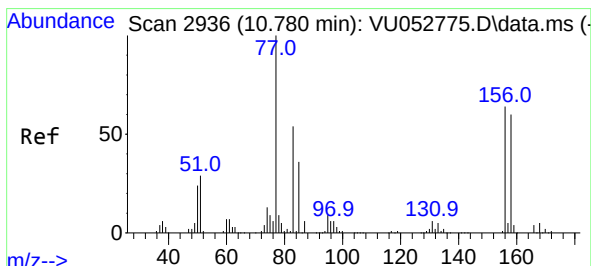
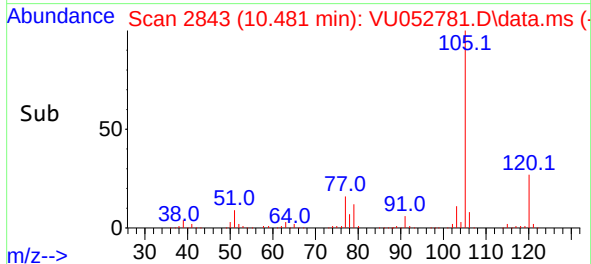
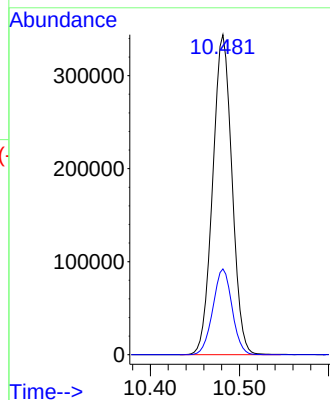
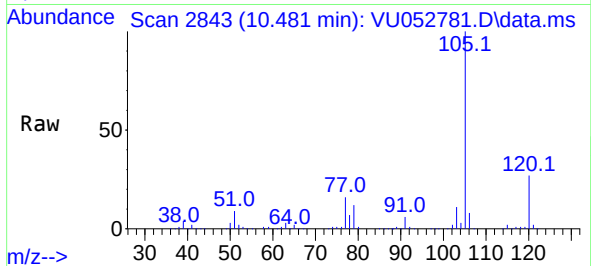
VSTDCCC010

Tgt Ion:105 Resp: 51631  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.3 39.9

Manual Integrations

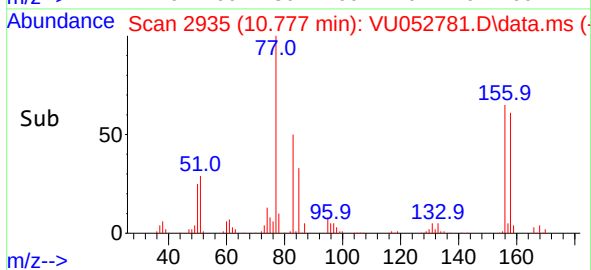
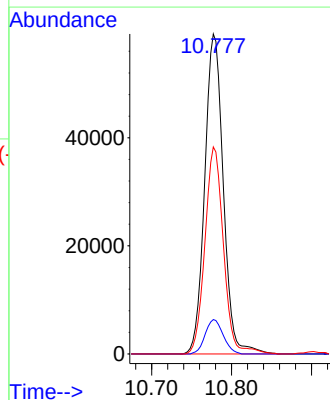
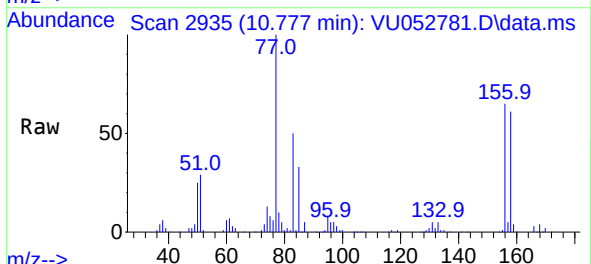
APPROVED

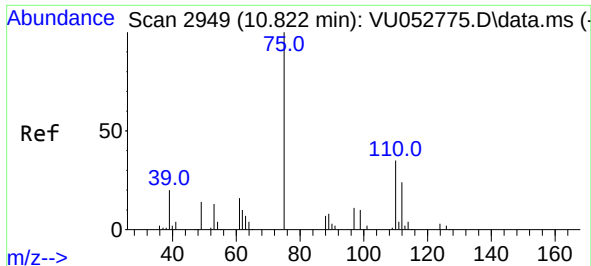
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#70  
1,1,2,2-Tetrachloroethane  
Concen: 9.762 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

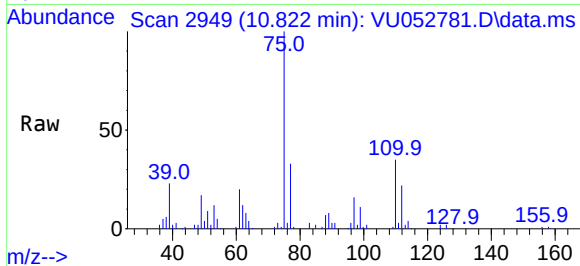
Tgt Ion: 83 Resp: 95916  
Ion Ratio Lower Upper  
83 100  
131 10.4 8.6 13.0  
85 64.5 52.6 78.8





#71  
1,2,3-Trichloropropane  
Concen: 10.043 ug/l m  
RT: 10.822 min Scan# 2949  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

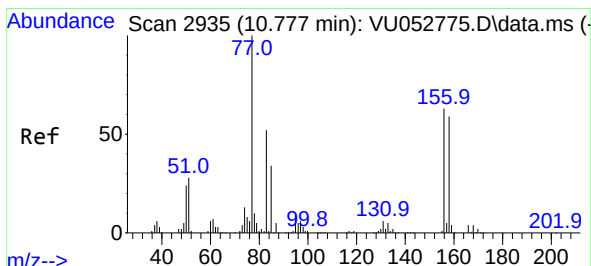
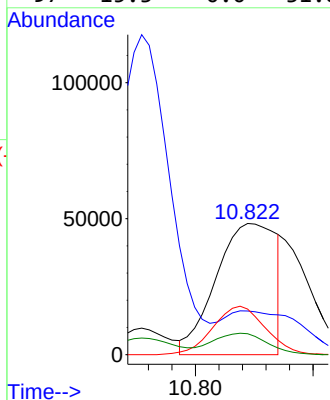
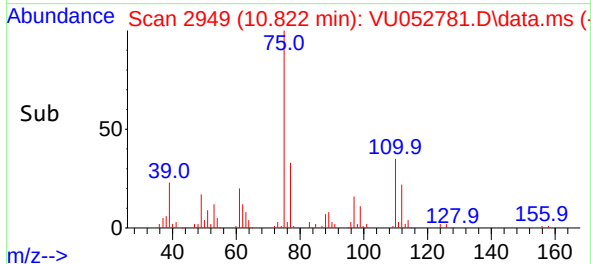


Tgt Ion: 75 Resp: 8542

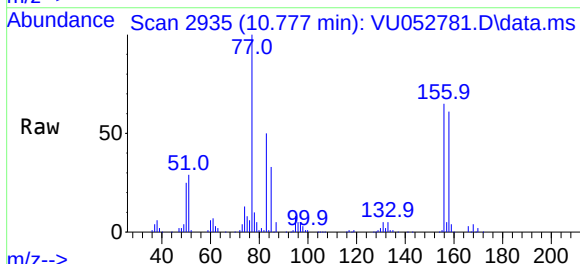
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 42.2  | 0.0   | 86.0  |
| 110 | 32.6  | 0.0   | 63.8  |
| 97  | 15.3  | 0.0   | 31.8  |

Manual Integrations  
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Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

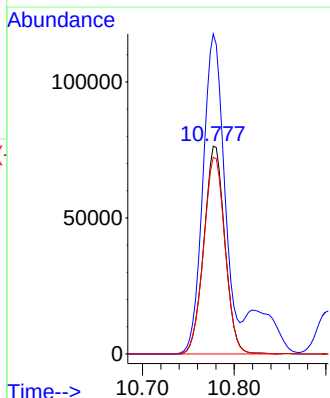
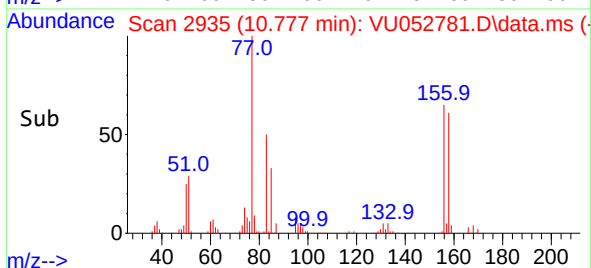


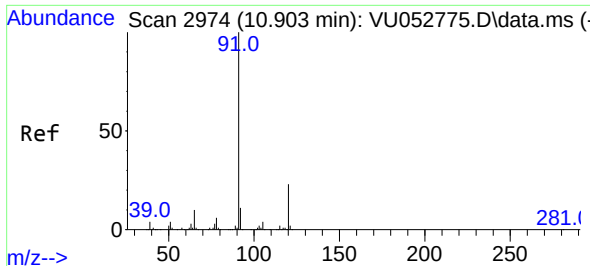
#72  
Bromobenzene  
Concen: 10.549 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:156 Resp: 121185

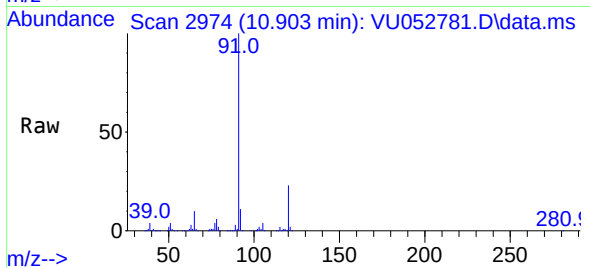
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 157.5 | 0.0   | 321.2 |
| 158 | 97.0  | 0.0   | 192.0 |





#73  
n-propylbenzene  
Concen: 9.705 ug/l  
RT: 10.903 min Scan# 2974  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

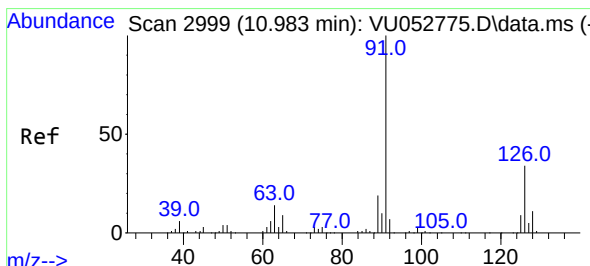
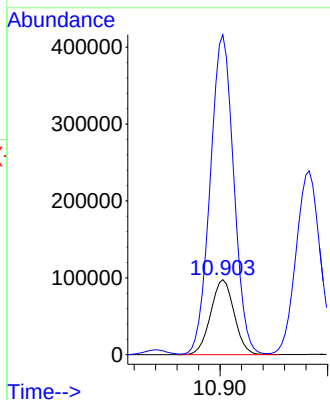
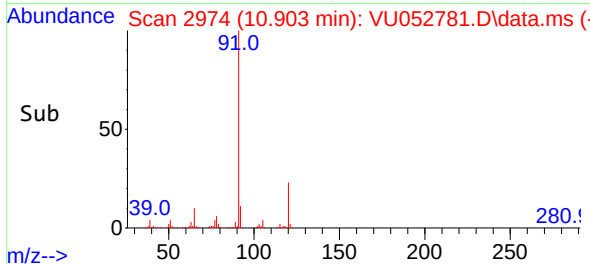
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



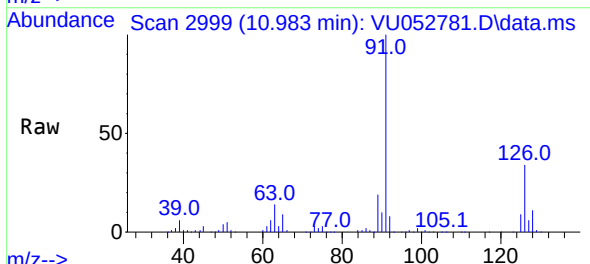
Tgt Ion:120 Resp: 147893  
Ion Ratio Lower Upper  
120 100  
91 426.6 348.0 522.0

Manual Integrations  
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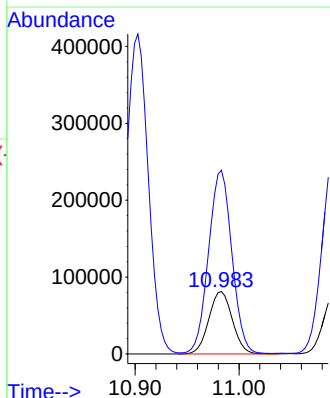
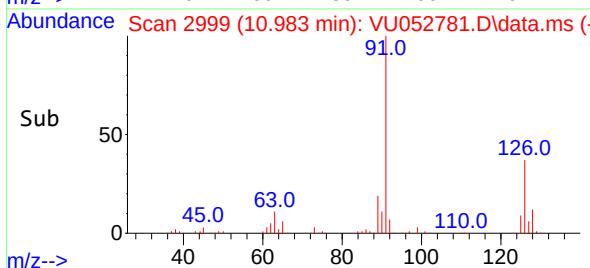
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



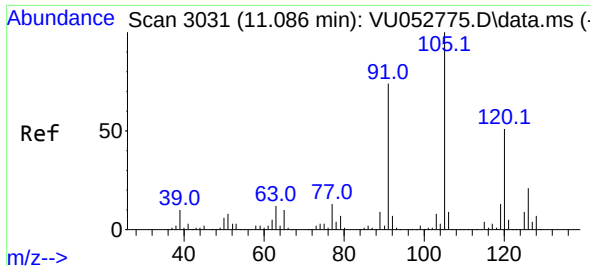
#74  
2-Chlorotoluene  
Concen: 11.178 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:126 Resp: 127701  
Ion Ratio Lower Upper  
126 100  
91 290.5 0.0 588.6







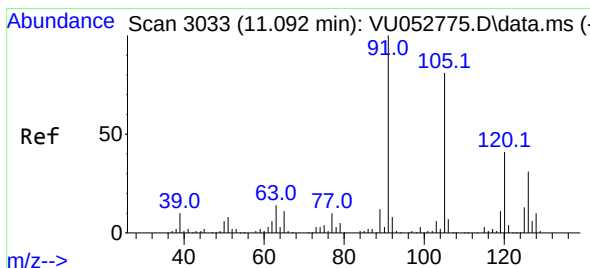
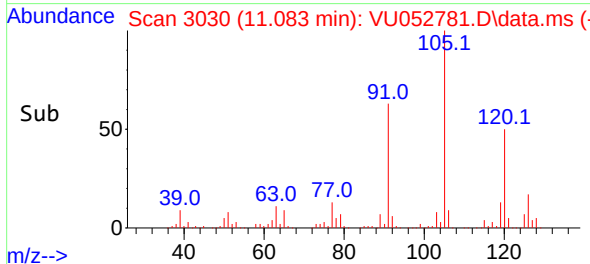
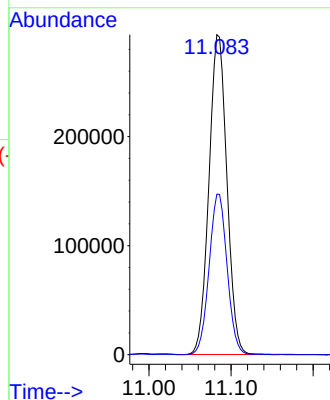
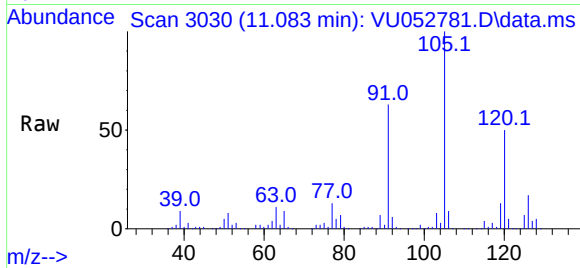
#75  
1,3,5-Trimethylbenzene  
Concen: 9.635 ug/l  
RT: 11.083 min Scan# 3030  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:105 Resp: 446793  
Ion Ratio Lower Upper  
105 100  
120 50.4 39.9 59.9

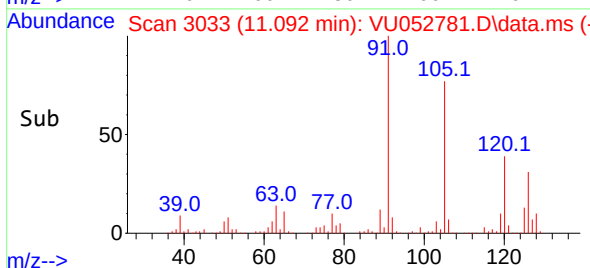
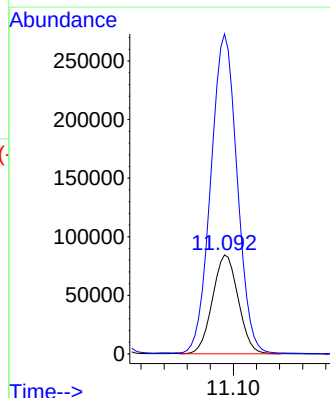
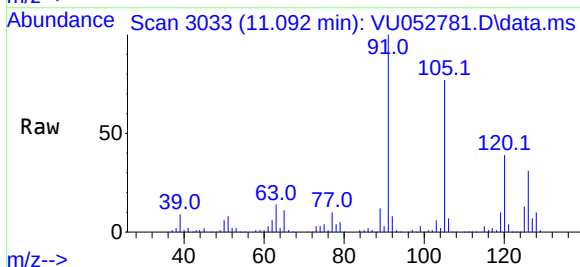
Manual Integrations  
APPROVED

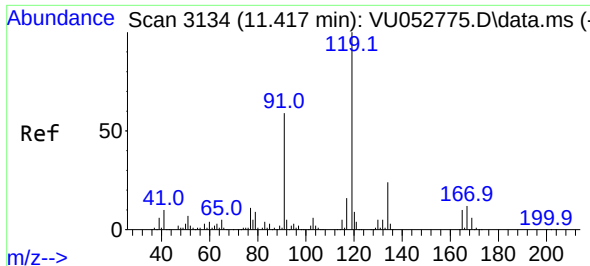
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#76  
4-Chlorotoluene  
Concen: 11.120 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:126 Resp: 130387  
Ion Ratio Lower Upper  
126 100  
91 333.2 0.0 661.8





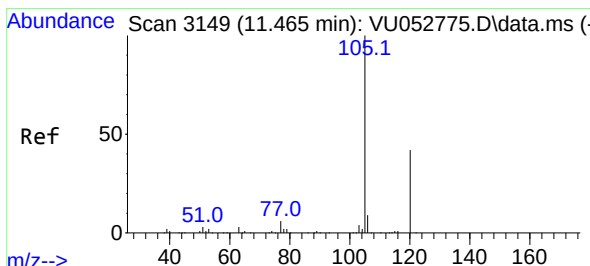
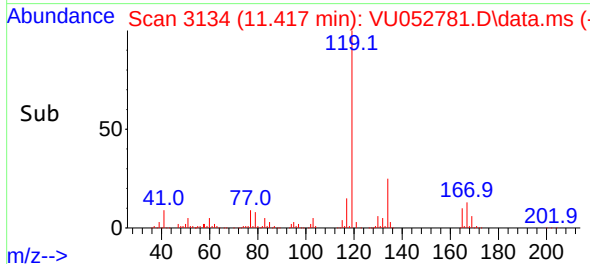
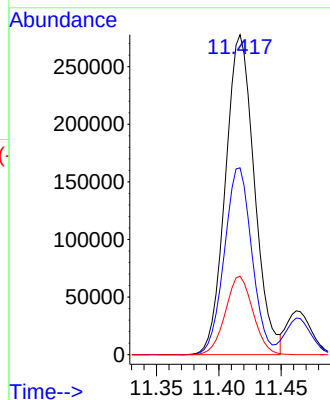
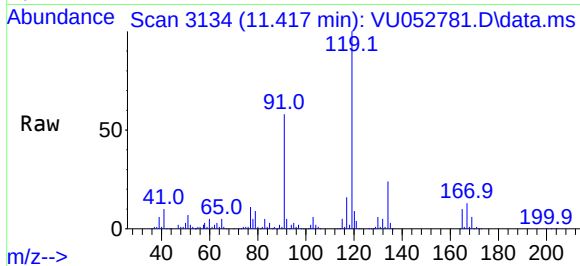
#77  
tert-Butylbenzene  
Concen: 11.422 ug/l  
RT: 11.417 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:119 Resp: 449233  
Ion Ratio Lower Upper  
119 100  
91 55.5 28.4 85.3  
134 23.4 18.6 27.8

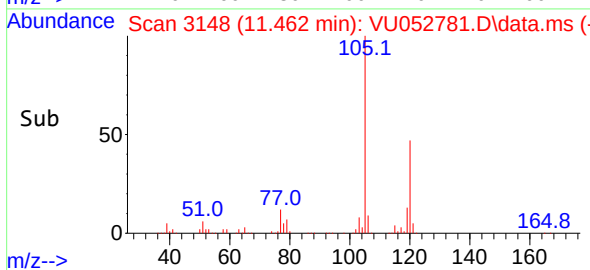
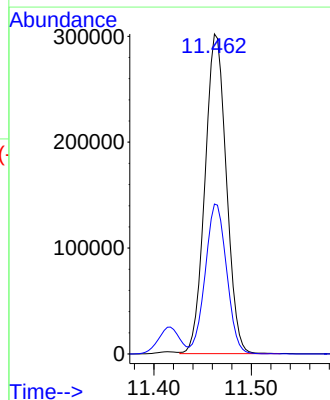
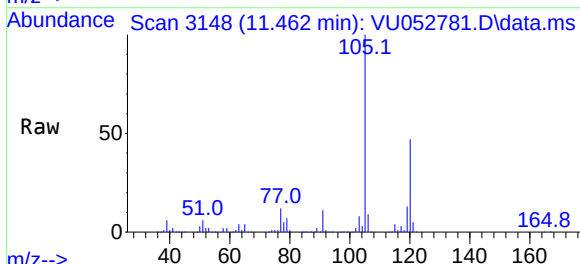
Manual Integrations  
APPROVED

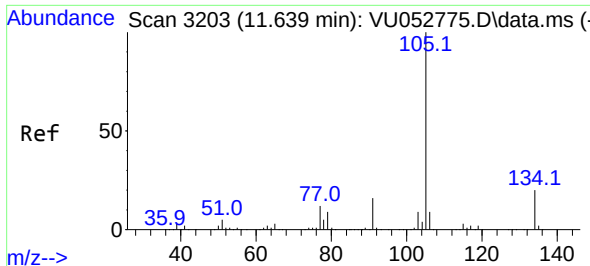
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#78  
1,2,4-Trimethylbenzene  
Concen: 9.658 ug/l  
RT: 11.462 min Scan# 3148  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Tgt Ion:105 Resp: 458327  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.4 70.3





#79  
 sec-Butylbenzene  
 Concen: 9.490 ug/l  
 RT: 11.639 min Scan# 3203  
 Delta R.T. -0.000 min  
 Lab File: VU052781.D  
 Acq: 24 Jan 2023 10:11

Instrument :

MSVOA\_U

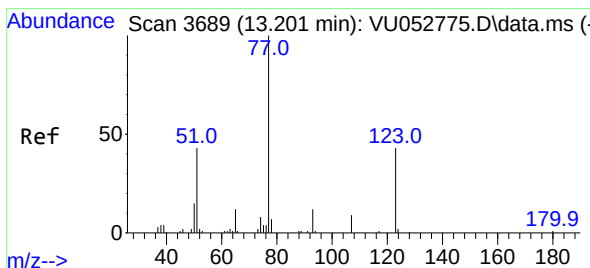
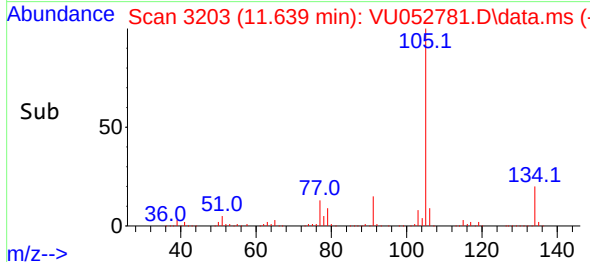
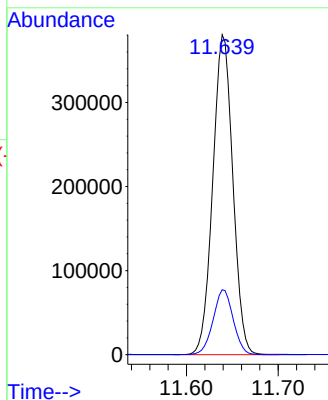
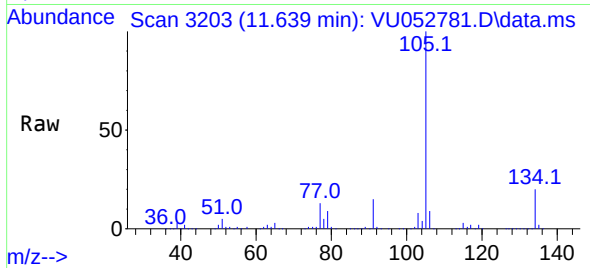
ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 57745  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 16.5 24.7

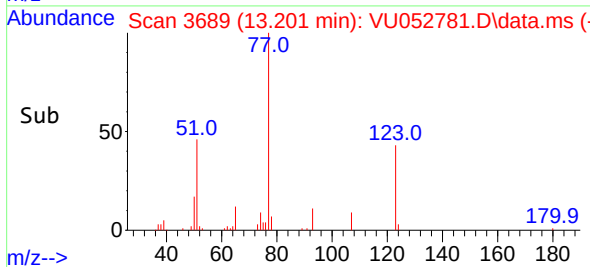
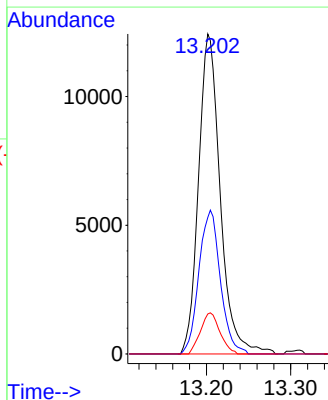
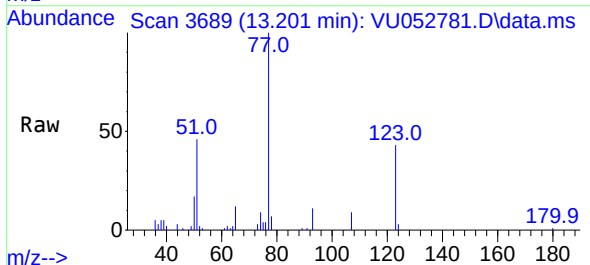
Manual Integrations  
 APPROVED

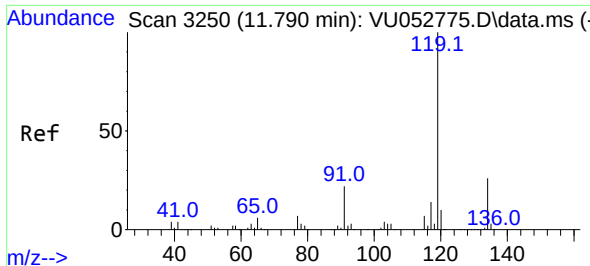
Reviewed By :Krupa Patel 01/27/2023  
 Supervised By :Mahesh Dadoda 01/30/2023



#80  
 Nitrobenzene  
 Concen: 36.644 ug/l  
 RT: 13.201 min Scan# 3689  
 Delta R.T. 0.000 min  
 Lab File: VU052781.D  
 Acq: 24 Jan 2023 10:11

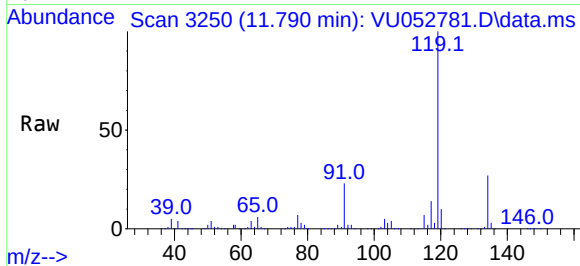
Tgt Ion: 77 Resp: 22286  
 Ion Ratio Lower Upper  
 77 100  
 123 44.4 18.8 66.8  
 65 11.5 10.1 12.9





#81  
p-Isopropyltoluene  
Concen: 9.438 ug/l  
RT: 11.790 min Scan# 3250  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

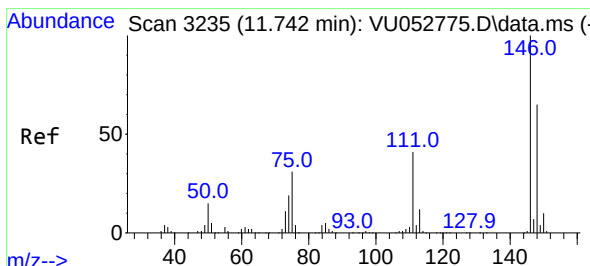
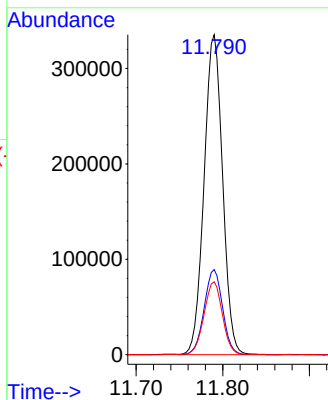
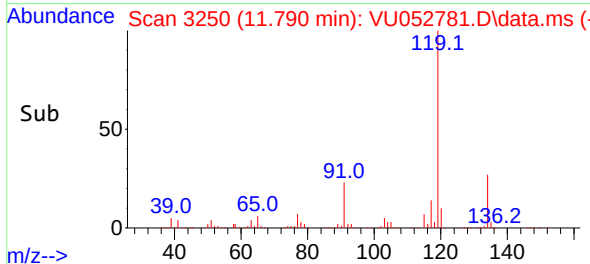
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



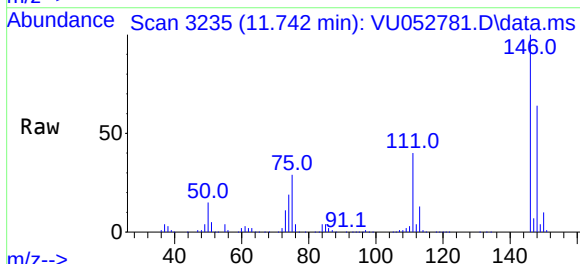
Tgt Ion:119 Resp: 498150  
Ion Ratio Lower Upper  
119 100  
134 26.3 20.7 31.1  
91 22.7 17.6 26.4

Manual Integrations  
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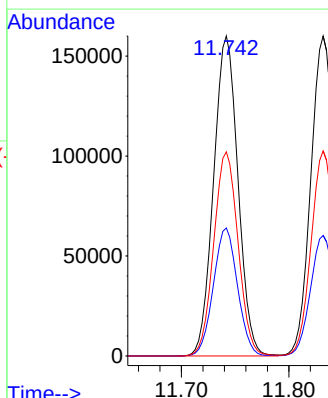
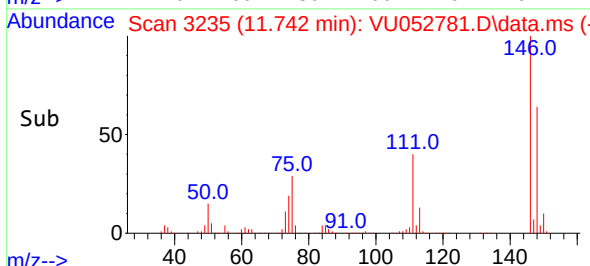
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

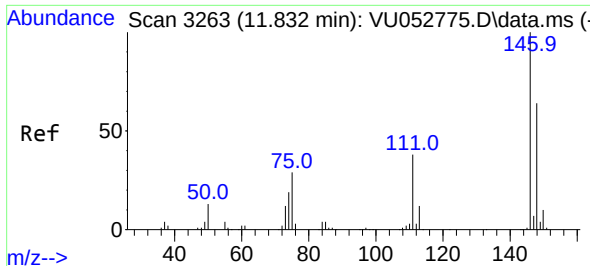


#82  
1,3-Dichlorobenzene  
Concen: 10.741 ug/l  
RT: 11.742 min Scan# 3235  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



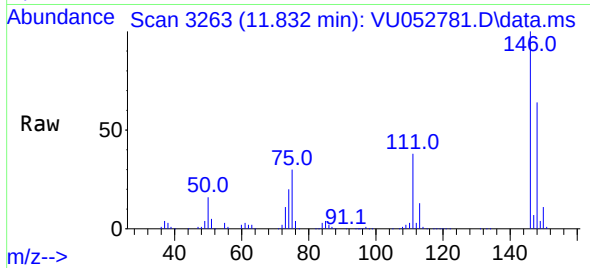
Tgt Ion:146 Resp: 251899  
Ion Ratio Lower Upper  
146 100  
111 39.7 32.6 48.8  
148 63.8 51.9 77.9





#83  
1,4-Dichlorobenzene  
Concen: 10.602 ug/l  
RT: 11.832 min Scan# 3263  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

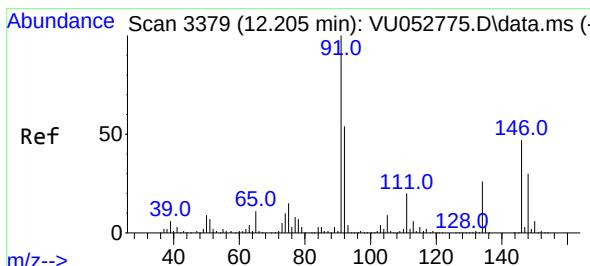
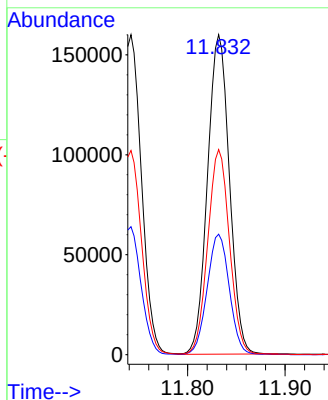
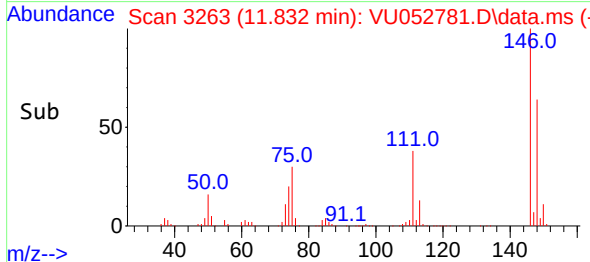
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



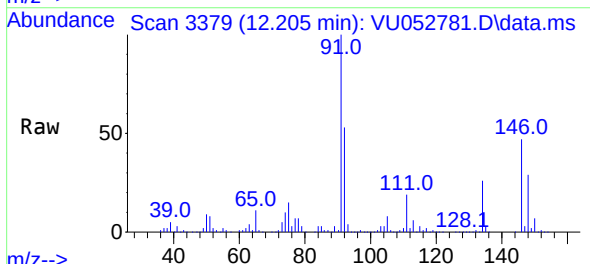
Tgt Ion:146 Resp: 249629  
Ion Ratio Lower Upper  
146 100  
111 38.0 29.5 44.3  
148 63.6 51.4 77.0

Manual Integrations  
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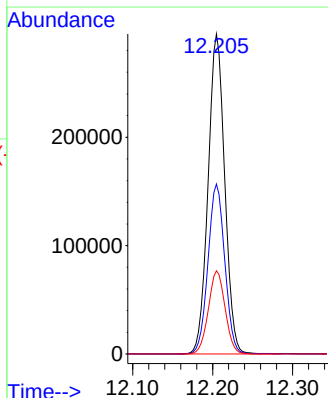
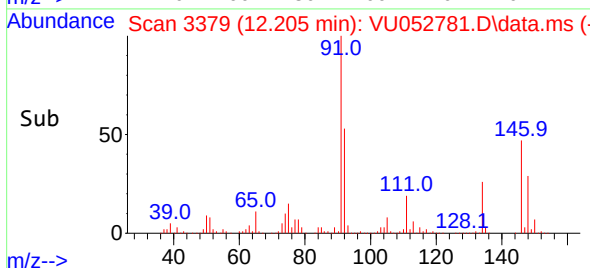
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

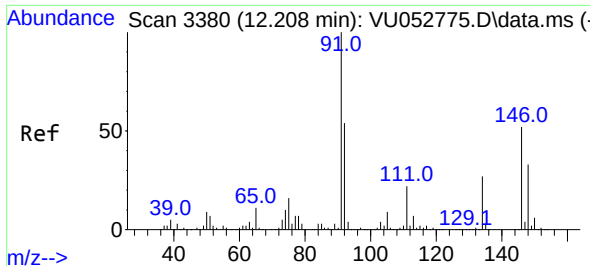


#84  
n-Butylbenzene  
Concen: 9.224 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. -0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion: 91 Resp: 427019  
Ion Ratio Lower Upper  
91 100  
92 53.4 43.4 65.0  
134 26.1 21.2 31.8





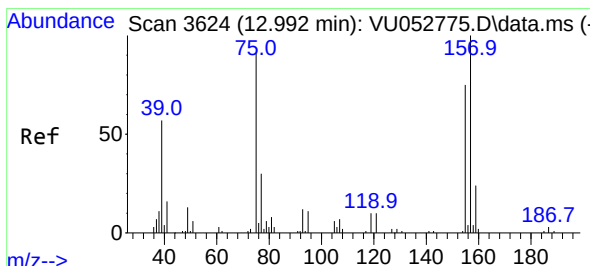
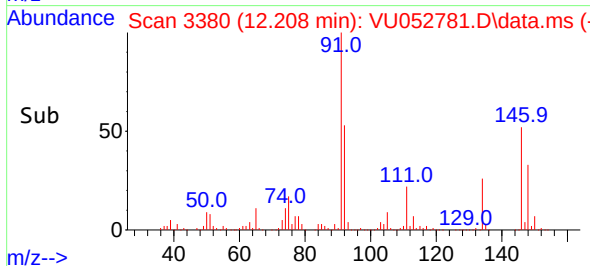
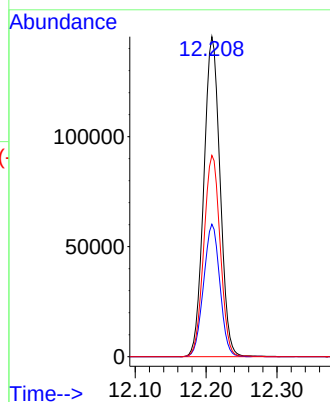
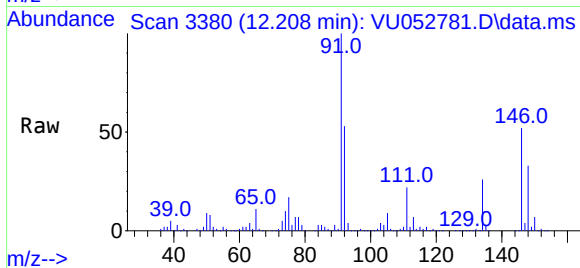
#85  
1,2-Dichlorobenzene  
Concen: 10.468 ug/l  
RT: 12.208 min Scan# 3380  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:146 Resp: 231698  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.8 62.5  
148 63.5 31.4 94.2

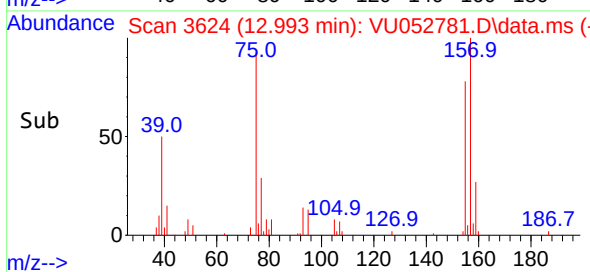
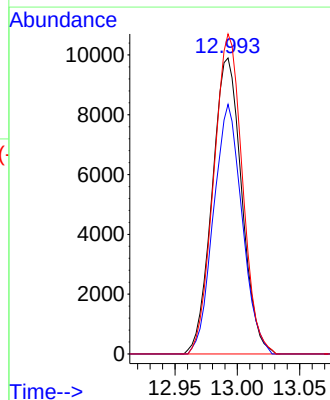
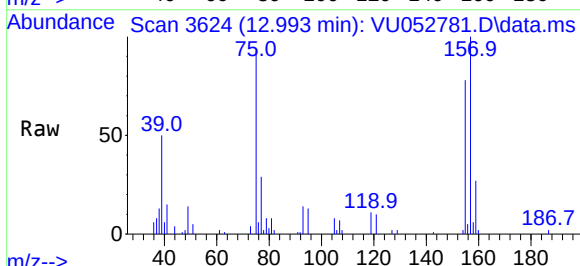
Manual Integrations  
APPROVED

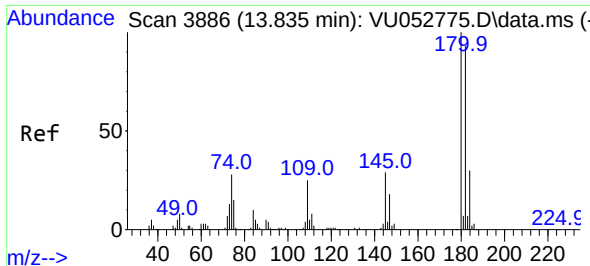
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 8.975 ug/l  
RT: 12.993 min Scan# 3624  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

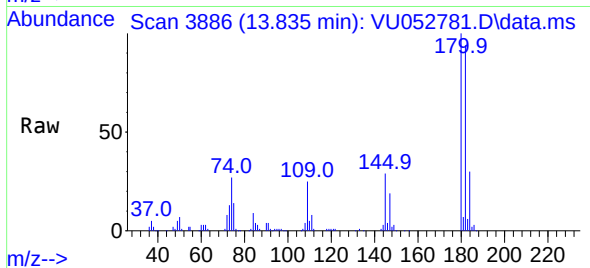
Tgt Ion: 75 Resp: 16334  
Ion Ratio Lower Upper  
75 100  
155 81.7 66.0 99.0  
157 105.0 85.9 128.9





#87  
1,2,4-Trichlorobenzene  
Concen: 10.418 ug/l  
RT: 13.835 min Scan# 3886  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

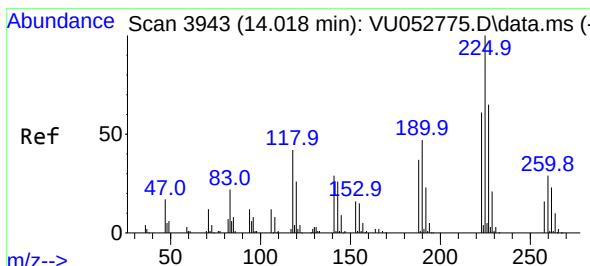
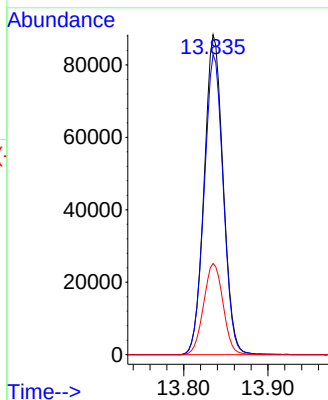
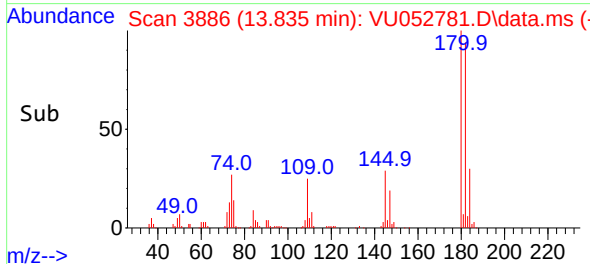
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



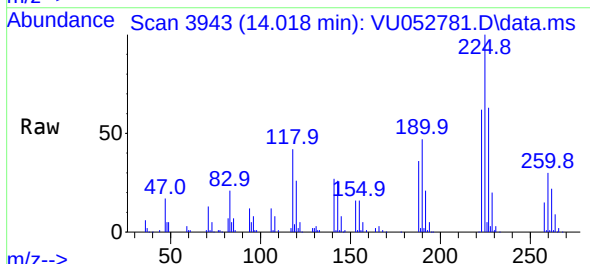
Tgt Ion:180 Resp: 138295  
Ion Ratio Lower Upper  
180 100  
182 94.7 74.6 112.0  
145 29.2 23.4 35.0

Manual Integrations  
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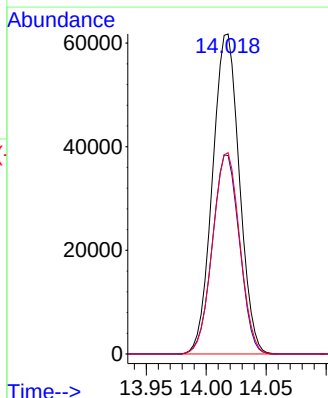
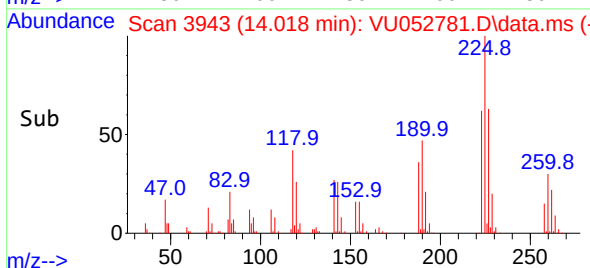
Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023

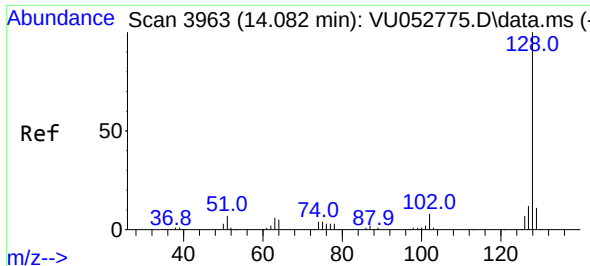


#88  
Hexachlorobutadiene  
Concen: 10.330 ug/l  
RT: 14.018 min Scan# 3943  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



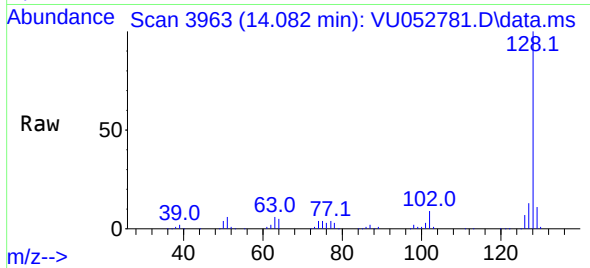
Tgt Ion:225 Resp: 96108  
Ion Ratio Lower Upper  
225 100  
223 62.6 49.8 74.6  
227 63.7 51.5 77.3





#89  
Naphthalene  
Concen: 8.885 ug/l  
RT: 14.082 min Scan# 3963  
Delta R.T. 0.000 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11

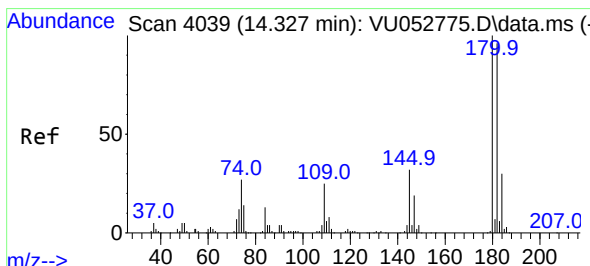
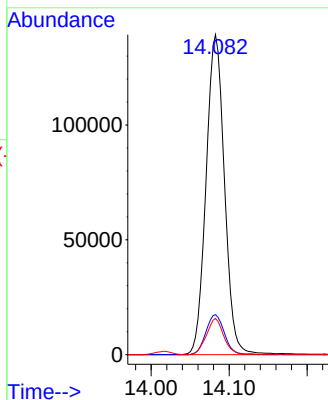
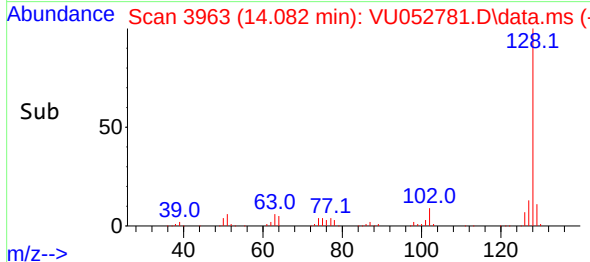
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010



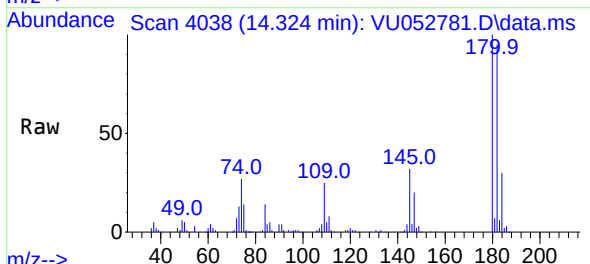
Tgt Ion:128 Resp: 228669  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.4  
129 10.7 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 01/27/2023  
Supervised By :Mahesh Dadoda 01/30/2023



#90  
1,2,3-Trichlorobenzene  
Concen: 10.339 ug/l  
RT: 14.324 min Scan# 4038  
Delta R.T. -0.003 min  
Lab File: VU052781.D  
Acq: 24 Jan 2023 10:11



Tgt Ion:180 Resp: 130275  
Ion Ratio Lower Upper  
180 100  
182 95.4 77.8 116.6  
145 31.5 25.2 37.8

